Form 3160-3 (April 2004)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM A	PPROVED
OMB No.	1004-0137
Expires Ma	1004-0137 arch 31, 2007

7D '1 37

Lease Serial No. UTU 0744

001

v	APPLICATION FOR PERMIT TO	n/a				
1	a. Type of work: DRILL REENTH	7 If Unit or CA Agreement, Name and No. PETERS POINT UNIT				
1	o. Type of Well: Oil Well Gas Well Other	✓ Single Zone Mult	iple Zone	8. Lease Name and Peter's Point I		l #16-6D -
2	BILL BARRETT CORPORATION					1-31100
3	a. Address 1099 18th Street, Suite 2300 Denver CO 80202	3b. Phone No. (include area code) (303) 312-8168		10. Field and Pool, or Peter's Point U		
4.	At surface Lot 3, NESW 700' FNL & 2439' FV  At proposed prod. zone SESE, 837' FSL & 822' FEL (Sec. 6	WL		11. Sec., T. R. M. or B Section 6-T138		
14	Distance in miles and direction from nearest town or post office* approximately 40 miles northeast of Wellington, Utah			12. County or Parish  Carbon	13	3. State UT
15	Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 700'	16. No. of acres in lease 480.51	,	cing Unit dedicated to this well  Dacres		
18	Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  2143'	19. Proposed Depth 8100' (TVD) / 8681' (MD)		M/BIA Bond No. on file tionwide Bond #WYB000040		
21.	Elevations (Show whether DF, KDB, RT, GL, etc.) 6727' ungraded ground	22. Approximate date work will sta 10/28/2004	art*	23. Estimated duration 60 days	1	
		24. Attachments				
The	e following, completed in accordance with the requirements of Onshor	re Oil and Gas Order No.1, shall be	attached to the	is form:		
2. 3.	Well plat certified by a registered surveyor.  A Drilling Plan.  A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office).	Lands, the Item 20 above).  5. Operator certifi	cation	ns unless covered by an principle or princip	Ü	`
25.	Signature Sacry Fallang	Name (Printed/Typed) Tracey Fallang			Date. 08/27/2	2004
Titl		APPROV	ED BY	THE STA	TE	

TypuTAH DIVISION OF Date

Approved by (Signature)

Title

Office

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to Federal Approval of this conduct operations thereon.

Conditions of approval, if any, are attached.

Action is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

Surf 581104 X 43962014

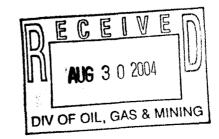
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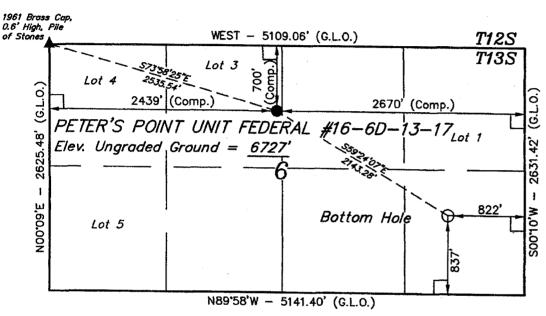
CONFIDENTIAL

BHL 581687X 4396685Y

39,71801 -110.04697



## T13S, R17E, S.L.B.&M.



BASIS OF BEARINGS IS THE WEST LINE OF THE NW 1/4 OF SECTION 36, TI3S, RITE, S.L.B.&M. WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR NO'21'W.

#### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

= 90' SYMBOL

LEGEND:

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)

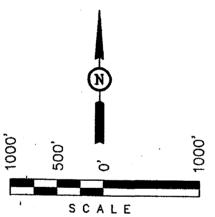
LATITUDE = 39'43'15.97'' (39.721103) LONGITUDE =  $110^{\circ}03'16.93''$  (110.054703)

#### BILL BARRETT CORPORATION

Well location, PETER'S POINT UNIT FEDERAL #16-6D-13-17, located shown in Lot 3 of Section 6, T13S, R17E, S.L.B.&M. Carbon County, Utah.

#### BASIS OF ELEVATION

SPOT ELEVATION AT A WELL HEAD IN THE SW 1/4 OF SECTION 36, T12S, R16E, S.L.B.&M. TAKEN FROM THE CEDAR RIDGE CANYON QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SAID ELEVATION IS MARKED AS BEING 6769 FEET.



THIS IS TO CERTIFY THAT THE ABOVE PLAT AND PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS NOTE BY ME DROUNDER MY SUPERVISION AND THAT THE SURFARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BEST

> ERED LAND SURVEYOR GISTRATION NO. 1813198 TATE THE UTAH!

REVISED: 8-25-04

11/1/1/2011/19 UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

(*,0	0) 100 1011			
SCALE 1" = 1000'	DATE SURVEYED: 12-1-03	DATE DRAWN: 8-20-04		
PARTY G.O. C.G. C.G.	REFERENCES G.L.O. PLAT			
WEATHER	FILE			
COOL	BILL BARRETT COR	BILL BARRETT CORPORATION		



September 14, 2004

FAX NO.

Ms. Diana Whitney State of Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, Utah 84114-5801

Directional Drilling R649-3-11 RE:

Peter's Point Unit Federal #16-6D-13-17;

Surface: 700' FNL & 2439' FWL (surface), Lot 3, 6-T13S-R17E

Bottom Hole: 837' FSL & 822' FEL (bottom hole), SESE, 6-T13S-R17E

Carbon County, Utah

#### Dear Ms. Daniels:

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill ("APD") regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the "Exception to Location and Siting of Wells.

- The above-mentioned proposed location is within the Peter's Point Unit Area;
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the area;
- BBC hereby certifies that it is the sole working interest owner within 460 feet of the entire directional well bore and all of Section 6 and the W/2 of Section 4 (federal lease UTU 0744).

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. If you should have any questions or need further information, please contact me at 303-312-8168.

Sincerely,

Tracey Fallang Permit Analyst

Jacup Fallang

1099 18TH STREET SUITE 2300 DENVER, CO 80202 303.293.9100

303.291.0420

## United States Department of the Interior

#### BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

September 10, 2004

Memorandum

To:

Assistant Field Office Manager Resources,

Moab Field Office

From:

Michael Coulthard, Petroleum Engineer

Subject:

2004 Plan of Development Peter's Point Unit

Carbon County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2004 within the Peter's Point Unit, Carbon County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Castlegate)

43-007-31005 Peter's Point 16-31D-12-17 Sec 6 T13S R17E 0701 FNL 2454 FWL BHL Sec 31 T12S R17E 0480 FSL 0840 FEL

43-007-31004 Peter's Point 16-6D-13-17 Sec 6 T13S R17E 0700 FNL 2439 FWL BHL Sec 6 T13S R17E 0837 FSL 0822 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Peter's Point Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:9-10-04



August 27, 2004

Mr. Eric Jones, Petroleum Engineer Bureau of Land Management Moab Field Office 82 East Dogwood Moab, Utah 84532

RE: Application for Permit to Drill – Bill Barrett Corporation

Peter's Point Unit Federal #16-6D-13-17, Lot 3, NESW 700' FNL & 2439' FWL

Section 6, Township 13 South, Range 17 East, SLB&M, Carbon County, Utah

Dear Mr. Jones:

Bill Barrett Corporation respectively submits the enclosed original and two copies of the *Application for Permit to Drill (APD)* for the above referenced well. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Drilling Plan;

Exhibit "D" – Casing design sheets, cementing recommendations, BOP and Choke Manifold diagram

Exhibit "E"- Surface Use Plan;

RECEIVED AUG 3 0 2004

DIV. OF OIL, GAS & MINING

1099 18TH STREET SUITE 2300 DENVER, CO 80202 P 303.293.9100

F 303.291.0420

Bureau of Land Management Moab Field Office Page Two

Please accept this letter as BBC's written request for CONFIDENTIAL treatment of all information contained in and pertaining to this application. Thank you in advance for your timely consideration of this application. Please feel free to contact me at 303-312-8168 if you have any questions or need additional information.

Sincerely,

Jacut Fallang
Tracey Fallang
Permit Analyst

#### **Enclosures**

cc: Bu

Bureau of Land Management Price Field Office 125 South 600 West

Price, Utah 84078

Attention: Mr. Don Stephens

## \* Utal Prutonso Oll, Gas and Mining

1594 West North Temple, Suite 1210

P. O. Box 145801

Salt Lake City, Utah 84114-5801 Attention: Ms. Diana Whitney

#### SURFACE USE PLAN

#### BILL BARRETT CORPORATION

Peters Point Unit Federal 16-6D-13-17
Surface location: Lot 3, NESW, 700' FNL 2439' FWL, Section 6, T13S-R17E, S.L.B. &M.
Bottom Hole location: 837' FSL 822' FEL, Section 6, T13S-R17E
Carbon County, Utah

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

#### 1. Existing Roads and Well Pad:

- A. The proposed well will be drilled on the existing Peter's Point Unit Federal #11-6-13-17 location. The location is built, existing access roads have been improved and the final 150' access to the well has been built. No additional surface disturbance is anticipated.
- B. Maps reflecting directions to well site and the location of the proposed pipeline are enclosed (see Exhibit B and Exhibit D).
- C. The use of roads under State and County Road Department maintenance is necessary to access the Peters Point Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- D. All existing roads will be maintained and kept in good repair during all phases of operation.
- E. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- F. Since no improvements are anticipated to the State, County or BLM access roads, no topsoil stripping will occur.
- G. An off-lease federal Right-of-Way for the access road and utility corridor is not anticipated at this time since existing roads are being utilized into the Peters Point Unit area.

#### 2. <u>Location of Existing Wells:</u>

A. Following is a list of existing wells within a one-mile radius of the proposed well:

i.	water wells	none
ii.	injection wells	none
iii.	disposal wells	none
iv.	drilling wells	1
v.	temp shut-in wells	1
vi.	producing wells	none
vii.	abandoned wells	5

#### 3. <u>Location of Production Facilities:</u>

- A. Some permanent structures/facilities will be shared between the vertical well Peter's Point Unit Federal #11-6-13-17, the proposed second directional well, the Peter's Point #16-31D-12-17, and this well. Each well will have its own meter run and separator. Pending the evaluation of completion operations, additional water and/or oil tanks may be added if necessary.
- B. All permanent structures will be painted a flat, non-reflective Olive Black to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (SHA) may be excluded.
- C. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- D. A gas meter run will be constructed and located on lease for each individual well within 500 feet of the respective wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- E. A tank battery(s) will be constructed on this lease; it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- F. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- G. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- H. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- I. The pipeline proposed and approved in the APD for the Peter's Point Unit Federal #11-6-13-17 (dated August 2, 2004) will be utilized to transport gas from this well.

#### 5. Location and Type of Water Supply:

A. Bill Barrett Corporation will utilize an existing water well located in Cottonwood Canyon on State Lands: Section 32-T12S-R16E; BBC was granted this authorization by SITLA Right of Entry #4534 (Water Right #90-1542) on August 21, 2002.

Bill Barrett Corp Surface Use Plan Peter's Point Unit Federal #16-6D-13-17 Carbon County, Utah

#### 6. Source of Construction Material:

- A. The use of materials will conform to 43 CFR 3610.2-3.
- B. No construction materials will be removed from BLM.
- C. If any gravel is used, it will be obtained for a state approved gravel pit.

#### 7. Methods of Handling Waste Disposal:

- A. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- B. Drill cuttings will be contained and buried on site.
- C. The reserve pit will be located outboard of the location and along the north side of the pad.
- D. The reserve pit will be constructed so as not to leak, break or allow any discharge.
- E. The reserve pit will be lined with 12 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt-liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operations.
- F. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- G. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported or disposed of annually in association with the drilling, testing or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities will be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the well.
- H. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Carbon or Uintah County Landfill.
- I. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- J. After initial clean-up a 400 barrel tank will be installed to contain produced waste water. After first production, produced wastewater will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. Thereafter, produced water will be trucked to R & I Disposal, a State approved disposal facility.

Bill Barrett Corp
Surface Use Plan
Peter's Point Unit Federal #16-6D-13-17
Carbon County, Utah

- K. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- L. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Price or Vernal Wastewater Treatment Facility in accordance with state and county regulations.

#### 8. Ancillary Facilities:

A. Garbage containers and portable toilets are the only ancillary facilities proposed in this application

#### 9. Well Site Layout:

- A. The well will be properly identified in accordance with 43 CFR 3162.6.
- B. Access to the well pad will be from the west.
- C. The pad and road designs are consistent with BLM specifications.
- D. The pad has been built 370' long x 160' wide and approval has been granted to increase the length of this pad to 400'. Approval has been granted to enlarge the reserve pit to 140' x 75' to accommodate these additional directional wells.
- E. All surface disturbing activities were supervised by a qualified, responsible company representative who was aware of the terms and conditions of the APD and specifications in the approved plans.
- F. The stockpiled topsoil (first 6 inches or maximum available) is being stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil is being stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- G. Pits will remain fenced until site cleanup.
- H. The blooie line will be located at least 100 feet from the well head.
- I. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

#### 10. Plan for Restoration of the Surface:

- A. Site reclamation for producing well(s) will be accomplished for portions of the site not required for the continued operation of the well(s).
- B. The operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate county extension office. On BLM administered land it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.

- C. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162..7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours.
- D. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top-soiled and revegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.
- E. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be detailed within their approval documents.

#### 11. Surface and Mineral Ownership:

- A. Surface ownership Federal under the management of the Bureau of Land Management Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3608.
- B. Mineral ownership Federal under the management of the Bureau of Land Management Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3608.

#### 12. Other Information:

- A. Montgomery Archaeological Consultants have conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Montgomery as MOAC Report No. 03-240 dated April 16, 2004.
- B. Our understanding of the results of the onsite inspection are:
  - 1. No threatened and endangered flora and fauna species were found during the onsite inspection.
  - 2. No drainage crossings that required additional State or Federal approval are being crossed.

Bill Barrett Corp Surface Use Plan Peter's Point Unit Federal #16-6D-13-17 Carbon County, Utah

#### 13. Operator's Representative and Certification:

Title	Name	Office Phone
Company Representative (Roosevelt)	Fred Goodrich	(435) 722-3515
Company Representative (Denver)	Tracey Fallang	(303) 312-8168

#### Certification:

I hereby certify that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Bill Barrett Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

#### TEN POINT PLAN

#### BILL BARRETT CORPORATION

Peters Point Unit Federal 16-6D-13-17

Surface location: Lot 3, NESW, 700' FNL 2439' FWL, Section 6, T13S-R17E, S.L.B. &M. Bottom Hole location: 837' FSL 822' FEL, Section 6, T13S-R17E Carbon County, Utah

#### 1,2,3 Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

<b>Formation</b>	<b>Depth</b>
Green River	surface
Wasatch	2755'*
North Horn	4635'*
Price River	6050'*
Base of Upper PR	6200'
Bluecastle	7340'*
Sego U	7625'
Castlegate	8000'*
TD (TVD)	8100'*
TD (MD)	8681'

<sup>\*</sup>PROSPECTIVE PAY: Estimated formation tops in TVD.

#### **Casing Program**

HOLE	SETTING	DEPTH						
SIZE	from	<u>to</u>	SIZE	WEIGHT	GRADE	THREAD	CONDITION	
12-1/4"	surface	1,000'	9-5/8"	36#	J or K 55	ST&C	New	
7-7/8"	surface	8100'	5-1/2"	17#	N-80	LT&C	New	

Note: Pending evaluation of anticipated stress on the production casing, BBC may use 5 ½", 20# P-110 LT&C production casing instead of the 17# N-80.

#### 5 **Cementing Program**

9-5/8" Surface Casing approximately 240 sx Halliburton Light Premium with additives mixed

at 12.7 ppg (yield =  $1.85 \text{ ft}^3/\text{sx}$ ) and 180 sx Premium cement with additives mixed at 15.8 ppg (yield = 1.16 ft<sup>3</sup>/sx) circulated to surface

with 100% excess

5-1/2" Production

approximately 1095 sx 50/50 Poz Premium cement with additives mixed at 13.4 ppg (yield =  $1.49 \text{ ft}^3/\text{sx}$ ). Casing

Top of cement to be determined by log and sample evaluation;

estimated TOC 2500'.

Bill Barrett Corporation
Drilling Program
Peters Point Unit Federal 16-6D-13-17
Carbon County, Utah

#### 6. Mud Program

INTERVAL	<u>WEIGHT</u>	VISCOSITY	FLUID LOSS	<u>REMARKS</u>
0 40'	8.3 - 8.6	27-40		Native Spud Mud
40 – 1000'	8.3 - 8.6	27-40	15 cc or less	Native/Gel/Lime
1000 - TD	8.6 - 9.5	38-46	15 cc or less	LSND/DAP

Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite.

#### 7. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment
0 - 1000'	No Pressure Control Required
1000 – TD	11" 3000# Ram Type BOP 11" 3000# Annular BOP

Drilling spool to accommodate choke and kill lines. Ancillary and choke manifold to be rated at 3000 psi.

ANCILLARY EQUIPMENT AND CHOKE MANIFOLD RATED AT 3000#. ALL BOP AND BOPE TESTS WILL BE IN ACCORDANCE WITH THE REQUIREMENTS OF ONSHORE ORDER NO. 2.

THE BLM AND THE STATE OF UTAH DIVISION OF OIL, GAS AND MINING WILL BE NOTIFIED 24 HOURS IN ADVANCE OF ALL BOP PRESSURE TESTS.

#### 8. Auxiliary equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

#### 9. Testing, Logging and Core Programs

Cores	None anticipated
Testing	None anticipated; drill stem tests may be run on shows of interest
Sampling	30' to 50' samples; surface casing to TD Preserve samples all show intervals
Surveys	Run every 1000' and on trips, slope only.
Logging Program	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR all TD to surface

Bill Barrett Corporation
Drilling Program
Peters Point Unit Federal 16-6D-13-17
Carbon County, Utah

#### 10. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 4,001 psi\* and maximum anticipated surface pressure equals approximately 2,219 psi\*\* (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

\*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

\*\*Maximum surface pressure =  $A - (0.22 \times TD)$ 

#### 11. Drilling Schedule

Spud:

Approximately October 28, 2004

Duration:

25 days drilling time 35 days completion time Well name:

Bill Barrett Corporation

Operator: String type:

Surface

Location:

**Uintah County** 

Design parameters:

Collapse

Design is based on evacuated pipe.

Mud weight:

9.500 ppg

Minimum design factors:

**Utah Nine Mile** 

Collapse: Design factor

1.125

1.00

**Environment:** H2S considered?

Cement top:

Surface temperature: Bottom hole temperature:

No 60 °F 74 °F 1.40 °F/100ft

Temperature gradient: Minimum section length: 1,000 ft

Minimum Drift:

8.750 in Surface

**Burst** 

Max anticipated surface

pressure: Internal gradient: Calculated BHP

2,735 psi 0.220 psi/ft 2,955 psi

Annular backup:

9.50 ppg

Tension:

Burst: Design factor

8 Round STC: 8 Round LTC: **Buttress:** 

Premium:

Body yield:

1.60 (J) 1.60 (B)

1.60 (J)

1.60 (J)

1.60 (J)

Tension is based on buoyed weight. Neutral point: 859 ft

Non-directional string

Re subsequent strings:

Next setting depth: 10.000 ft Next mud weight: 9.500 ppg Next setting BHP: Fracture mud wt:

4,935 psi 10.000 ppg 10,000 ft Fracture depth: 5,195 psi Injection pressure

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight .(lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (USD)
1	1000	9.625	36.00	J-55	\$T&C	1000	1000	8.796	0
Run Seq	Collapse Load (psi) 493	Collapse Strength (psi) 2020	Collapse Design Factor 4.094	Burst Load (psi) 2735	Burst Strength (psi) 3613	Burst Design Factor 1.32	Tension Load (Kips) 31	Tension Strength (Kips) 453	Tension Design Factor 14.64 J

Prepared Troy Schindler

Bill Barrett

Phone: (303) 312-8156

FAX: (303) 312-8195

Date: March 25,2003 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 1000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial connection for tension.

In addition, burst strength is biaxially adjusted for tension.

Well name:

**Bill Barrett Corporation** 

Operator: String type:

Production: Frac

Location:

**Uintah County** 

Collapse

9.500 ppg

Mud weight: Design is based on evacuated pipe. Minimum design factors:

Utah Nine Mile

Collapse:

Design factor

1.125

1.20

**Environment:** 

H2S considered? Surface temperature: No 60 °F

200 °F Bottom hole temperature: Temperature gradient:

1.40 °F/100ft

Minimum section length: 0,000 ft Minimum Drift:

Cement top:

4.750 in 2,375 ft

#### **Burst**

Max anticipated surface

pressure: Internal gradient:

6,000 psi 0.023 psi/ft 6,234 psi

Calculated BHP Annular backup:

9.50 ppg

Tension:

Burst: Design factor

8 Round STC:

8 Round LTC: Buttress:

Premium: Body yield: 1.80 (J) 1.80 (J) 1.80 (B)

1.80 (J)

1.80 (J)

Tension is based on buoved weight.

Non-directional string.

Neutral point:	- J	8,559 ft
•		

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (USD)
1	10000	5.5	17.00	N-80	LT&C	10000	10000	4.767	0 -
Run Seq	Collapse Load (psi) 4935	Collapse Strength (psi) 6290	Collapse Design Factor 1.275	Burst Load (psi) 6000	Burst Strength (psi) 8758	Burst Design Factor 1.46	Tension Load (Kips) 146	Tension Strength (Kips) 348	Tension Design Factor 2.39 J

Prepared by: Troy Schindler

Bill Barrett

Phone: (303) 312-8156 FAX: (303) 312-8195

Date: March 25,2003 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 10000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

In addition, burst strength is biaxially adjusted for tension.

Well name:

Peters Point 16-6D-13-17

Operator:

**Bill Barrett** 

String type:

Production

Location:

Section 6, T13S-R17E

Design parameters:

Collapse

Mud weight:

9.50 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor

1.125

**Environment:** 

H2S considered?

Surface temperature: Bottom hole temperature: 75.00 °F 188 °F

No

Temperature gradient:

1.40 °F/100ft

Minimum section length:

1,500 ft

Burst:

Design factor

1.00

1.80 (J)

Cement top:

2500 ft

<u>Burst</u>

Max anticipated surface

No backup mud specified.

pressure:

2,215 psi 0.22 psi/ft

Internal gradient: Calculated BHP

3,997 psi

Tension:

8 Round LTC:

Premium:

Body yield:

8 Round STC:

Buttress:

1.80 (J) 1.60 (J)

1.50 (J) 1.50 (B)

Tension is based on buoyed weight. Neutral point: 7,515 ft Directional Info - Build & Drop

Kick-off point Departure at shoe:

1000 ft 2148 ft 2 °/100ft

Maximum dogleg: Inclination at shoe:

0 °

Run	Segment		Nominal		End	True Vert	Measured	Drift	Internal
Seq	Length (ft)	Size (in)	Weight (lbs/ft)	Grade	Finish	Depth (ft)	Depth (ft)	Diameter (in)	Capacity (ft³)
1	8680	5.5	20.00	P-110	LT&C	8099	8680	4.653	351.3
Run	Collapse	Collapse	Collapse	Burst	Burst	Burst	Tension	Tension	Tension
Seq	Load	Strength	Design	Load	Strength	Design	Load	Strength	Design
	(psi)	(psi)	Factor	(psi)	(psi)	Factor	(Kips)	(Kips)	Factor
1	3997	11100	2.777	3997	12630	3.16	139	548	3.95 J

Prepared Dominic Spencer by: Bill Barrett Corporation

Phone: (303) 312-8143 FAX: (303) 312-8195

Date: August 25,2004 Denver, Colorado

#### Remarks:

Collapse is based on a vertical depth of 8099 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a tensile load which is added to the axial load.

Engineering responsibility for use of this design will be that of the purchaser.

## Job Recommendation

## Surface Casing

Fluid Instructions Fluid 1: Water Spacer Water Spacer w/Gel	Fluid Density: Fluid Volume:	8.50 lbm/gal 20 bbl
Fluid 2: Lead Cement – (700 – 0') Halliburton Light Premium, 6% gel standard 2 % Calcium Chloride (Accelerator) 0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)	Fluid Weight Slurry Yield: Total Mixing Fluid: Top of Fluid: Calculated Fill: Volume: Calculated Sacks: Proposed Sacks:	12.7 lbm/gal 1.85 ft <sup>3</sup> /sk 9.90 Gal/sk 0 ft 700 ft 78.09 bbl 237.01 sks 240 sks
Fluid 3: Primary Cement – (TD – 700')  Premium Cement  94 lbm/sk Premium Cement (Cement-api)  2 % Calcium Chloride (Accelerator)  0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)	Fluid Weight Slurry Yield: Total Mixing Fluid: Top of Fluid: Calculated Fill: Volume: Calculated Sacks: Proposed Sacks:	15.8 lbm/gal 1.16 ft <sup>3</sup> /sk 4.97 Gal/sk 700 ft 300 ft 36.56 bbl 176.81 sks 180 sks

## Job Recommendation

## Production Casing

Fluid Instructions

Fluid 1: Water Spacer

Water Spacer

Fluid Density;

8.40 lbm/gal

Fluid Volume:

5 bbl

Fluid 2: Reactive Spacer

SUPER FLUSH 101

Fluid Density:

10 lbm/gal

Fluid Volume:

20 bbl

Fluid 3: Water Spacer

Water Spacer .

Fluid Density:

8.40 lbm/gal

Fluid Volume:

5 bbl

Fluid 4: Primary Cement - (TD - 2500')

50/50 Poz Premium, 2% gel standard

Fluid Weight

13.40 lbm/gal

3 %

KCL (Additive Material)

Slurry Yield:

1.49 ft<sup>3</sup>/sk

0.75 %

Halad(R)-322 (Low Fluid Loss Control) Silicalite Compacted (Light Weight Additive)

Total Mixing Fluid: Top of Fluid:

7.06 Gal/sk

3 lbm/sk

2500 ft 7500 ft

0.2 %

FWCA (Free Water Control)

Calculated Fill:

0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Volume:

290.22 bbl

Granulite TR 1/4 (Lost Circulation Additive) Calculated Sacks:

1093.61 sks

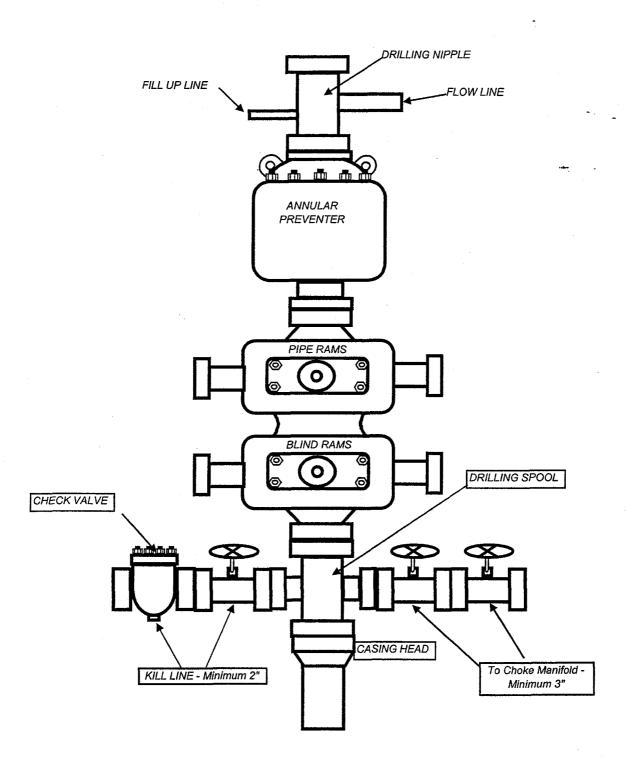
1 lbm/sk

Proposed Sacks:

1095 sks

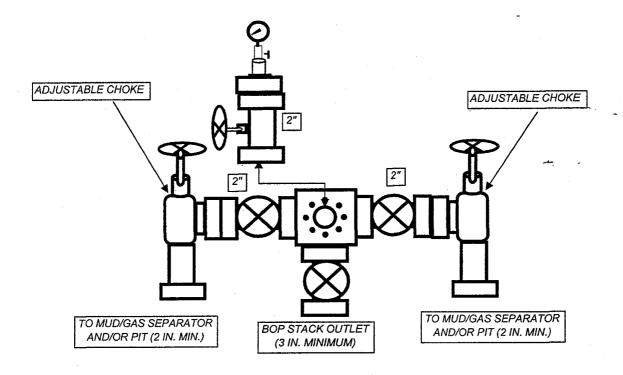
## BILL BARRETT CORPORATION

## TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER



## **BILL BARRETT CORPORATION**

TYPICAL 3,000 p.s.i. CHOKE MANIFOLD



#### **Bill Barrett Corporation**

**DrillQuest** 

Sperry-Sun

Carbon County, Utah SEC 6-T13S-R17E Peter's Point 16-6D-13-17 **VERSION 2** 

#### **Current Well Properties**

Well:

Peter's Point 16-6D-13-17

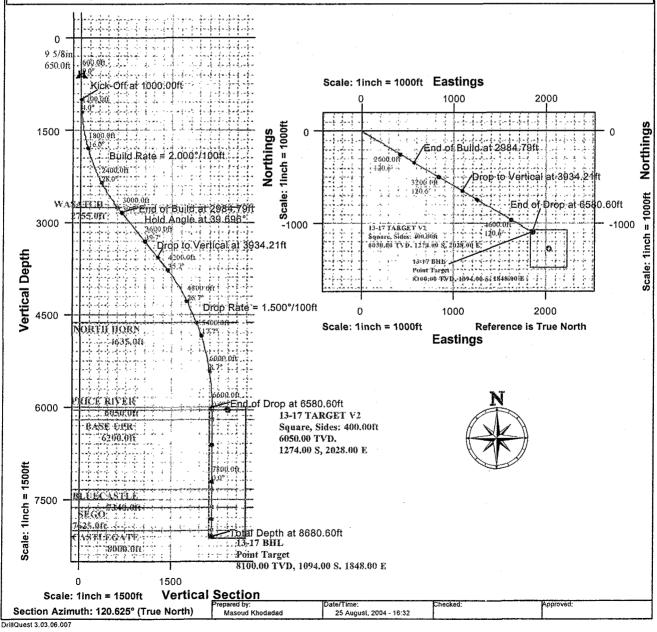
Horizontal Coordinates: Ref. Global Coordinates: Ref. SEC 6-T13S-R17E: Ref. Geographical Coordinates:

RKB Elevation:

700'FNL,2439'FWL 39° 43' 15.9591" N, 110° 03' 16.5480" E

6743.00ft above Mean Sea Level

	VERSION 2 Proposal Data											
	Measured Depth	Incl.	Azim.	Vertical Depth	Northings	Eastings	Vertical Section	Dogleg Rate				
Kick-Off Point	0.00 1000.00	0.000	0.000 0.000	0.00 1000.00	0.00 N 0.00 N	0.00 E 0.00 E	0.00 0.00	0.000				
Hold Angle Drop to Vertical		39.696 39.696	120.625 120.625	2829.77 3560.30	336.46 S 645.38 S	568.36 E 1090.19 E	660.49 1266.89	2.000 0.000				
Hold Angle Total Depth	6580.60 8680.60	0.000 0.000	0.000 0.000	6000.00 8100.00	1094.00 S 1094.00 S	1848.00 E 1848.00 E	2147.54 2147.54	1.500 0.000				





Bill Barrett Corporation Carbon County, Utah SEC 6-T13S-R17E Peter's Point 16-6D-13-17 - VERSION 2

Revised: 25 August, 2004

Sperry-Sun

**Proposal Report** 

25 August, 2004

Proposal Ref: pro7485

HALLIBURTON

# Proposal Report for SEC 6-T13S-R17E - Peter's Point 16-6D-13-17 - VERSION 2 Revised: 25 August, 2004

Measured Depth (ft)	Incl.	True Azim.	Vertical Depth (ft)	Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	Toolface Azimuth	Comment
0.00	0.000	0.000	0.00	0.00 N	0.00 E	0.00					
650.00	0.000	0.000	650.00	0.00 N	0.00 E	0.00	0.000	0.000	0.000	271.315	9 5/8in Casing
1000.00	0.000	0.000	1000.00	0.00 N	0.00 E	0.00	0.000	0.000	0.000	271.315	Kick-Off at 1000.00ft
1100.00	2.000	120.625	1099.98	0.89 S	1.50 E	1.75	2.000	2.000	0.000	120.625	
1200.00	4.000	120.625	1199.84	3.55 S	6.01 E	6.98	2.000	2.000	0.000	0.000	
1300.00	6.000	120.625	1299.45	7.99 S	13.50 E	15.69	2.000	2.000	0.000	0.000	
1400.00	8.000	120.625	1398.70	14.20 S	23.99 E	27.88	2.000	2.000	0.000	0.000	
1500.00	10.000	120.625	1497.47	22.17 S	37.45 E	43.52	2.000	2.000	0.000	0.000	
1600.00	12.000	120.625	1595.62	31.89 S	53.87 E	62.60	2.000	2.000	0.000	0.000	
1700.00	14.000	120.625	1693.06	43.35 S	73.23 E	85.10	2.000	2.000	0.000	0.000	
1800.00	16.000	120.625	1789.64	56.53 \$	95.50 E	110.98	2.000	2.000	0.000	0.000	
1900.00	18.000	120.625	1885.27	71.43 S	120.66 E	140.21	2.000	2.000	0.000	0.000	
2000.00	20.000	120.625	1979.82	88.01 S	148.67 E	172.77	2.000	2.000	0.000	0.000	
2100.00	22.000	120.625	2073.17	106.27 S	179.51 E	208.60	2.000	2.000	0.000	0.000	
2200.00	24.000	120.625	2165.21	126.17 S	213.13 E	247.67	2.000	2.000	0.000	0.000	
2300.00	26.000	120.625	2255.84	147.70 S	249.49 E	289.93	2.000	2.000	0.000	0.000	
2400.00	28.000	120.625	2344.94	170.82 S	288,56 E	335.33	2.000	2.000	0.000	0.000	
2500.00	30.000	120.625	2432.39	195.52 S	330.27 E	383.81	2.000	2.000	0.000	0.000	
2600.00	32.000	120.625	2518.11	221.76 S	374.59 E	435.31	2.000	2.000	0.000	0.000	
2700.00	34.000	120.625	2601.97	249.50 S	421.46 E	489.77	2.000	2.000	0.000	0.000	
2800.00	36.000	120.625	2683.88	278.72 S	470.81 E	547.13	2.000	2.000	0.000	0.000	
2888.93	37.779	120.625	2755.00	305.91 S	516.74 E	600.50	2.000	2.000	0.000	-150.690	WASATCH
2900.00	38.000	120.625	2763.74	309.37 S	522.60 E	607.30	2.000	2.000	0.000	0.000	
2984.79	39.696	120.625	2829.77	336.46 S	568.36 E	660.49	2.000	2.000	0.000	0.000	End of Build at 2984.79ft
3000.00	39.696	120.625	2841.48	341.41 S	576.72 E	670.20	0.000	0.000	0.000	0.000	•
3934.21	39.696	120.625	3560.30	645.38 S	1090.19 E	1266.89	0.000	0.000	0.000	0.000	Drop to Vertical at 3934.21ft
4000.00	38.709	120.625	3611.28	666.56 S	1125.97 E	1308.48	1.500	-1.500	0.000	180.000	
4100.00	37.209	120.625	3690.13	697.90 S	1178.90 E	1369.98	1.500	-1.500	0.000	180.000	
4200.00	35.709	120.625	3770.55	728.17 S	1230.03 E	1429.41	1.500	-1.500	0.000	180.000	
4300.00	34.209	120.625	3852.51	757.36 S	1279.34 E	1486.70	1.500	-1.500	0.000	180.000	

# Proposal Report for SEC 6-T13S-R17E - Peter's Point 16-6D-13-17 - VERSION 2 Revised: 25 August, 2004

Measured Depth (ft)	Incl.	True Azim.	Vertical Depth (ft)	Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	Toolface Azimuth	Comment
4400.00	32.709	120,625	3935.93	785.44 S	1326.78 E	1541.84	1.500	-1.500	0.000	180.000	
4500.00	31.209	120.625	4020.77	812.40 S	1372.32 E	1594.77	1.500	-1.500	0.000	180.000	
4600.00	29.709	120.625	4106.97	838.23 S	1415.95 E	1645.46	1.500	-1.500	0.000	180.000	
4700.00	28.209	120.625	4194.46	862.89 S	1457.61 E	1693.87	1.500	-1.500	0.000	180.000	
4800.00	26.709	120.625	4283.19	886.38 S	1497.29 E	1739.98	1.500	-1.500	0.000	180.000	
4900.00	25.209	120.625	4373.10	908.68 S	1534.95 E	1783.75	1.500	-1.500	0.000	180.000	
5000.00	23.709	120.625	4464.13	929.77 S	1570.58 E	1825.16	1.500	-1.500	0.000	180,000	
5100.00	22.209	120.625	4556.20	949.64 S	1604.15 E	1864.16	1.500	-1.500	0.000	180.000	
5184.74	20.938	120.625	4635.00	965.51 S	1630.96 E	1895.32	1.500	-1.500	0.000	180,000	NORTH HORN
5200.00	20.709	120.625	4649.27	968.28 S	1635.63 E	1900.75	1.500	-1.500	0.000	180.000	
5300.00	19.209	120.625	4743.26	985.67 S	1665.00 E	1934.88	1.500	-1.500	0.000	180.000	
5400.00	17.709	120.625	4838.11	1001.79 S	1692.24 E	1966.54	1.500	-1.500	0.000	180.000	
5500.00	16.209	120.625	4933.76	1016.65 S	1717.34 E	1995.71	1.500	-1.500	0.000	180.000	
5600.00	14.709	120.625	5030.14	1030.23 S	1740.28 E	2022.36	1.500	-1.500	0.000	180.000	•
5700.00	13.209	120.625	5127.18	1042.52 S	1761.04 E	2046.49	. 1.500	-1.500	0.000	180.000	
5800.00	11.709	120.625	5224.82	1053.51 S	1779.60 E	2068.06	1.500	-1.500	0.000	180.000	
5900.00	10.209	120.625	5323.00	1063.19 S	1795.96 E	2087.07	1.500	-1.500	0.000	180.000	
6000.00	8.709	120.625	5421.64	1071.56 S	1810.10 E	2103.50	1.500	-1.500	0.000	180.000	
6100.00	7.209	120.625	5520.67	1078.62 S	1822.02 E	2117.35	1.500	-1.500	0.000	180.000	
6200.00	5.709	120.625	5620.03	1084.35 S	1831.70 E	2128.60	1.500	-1.500	0.000	180.000	
6300.00	4.209	120.625	5719.65	1088.75 S	1839.14 E	2137.24	1.500	-1.500	0.000	180.000	
6400.00	2.709	120.625	5819.47	1091.83 S	1844.33 E	2143.27	1.500	-1.500	0.000	180.000	
6500.00	1.209	120.625	5919.41	1093.57 S	1847.27 E	2146.69	1.500	-1.500	0.000	180.000	•
6580.60	0.000	0.000	6000.00	1094.00 S	1848.00 E	2147.54	1.500	-1.500	0.000	180.000	End of Drop at 6580.60ft
6630.60	0.000	0.000	6050.00	1094.00 S	1848.00 E	2147.54	0.000	0.000	0.000	271.315	PRICE RIVER
											13-17 TARGET, Current Target

## Proposal Report for SEC 6-T13S-R17E - Peter's Point 16-6D-13-17 - VERSION 2 Revised: 25 August, 2004

Measured Depth (ft)	Incl.	True Azim.	Vertical Depth (ft)	Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	Toolface Azimuth	Comment
6780.60	0.000	0.000	6200.00	1094.00 S	1848.00 E	2147.54	0.000	0.000	0.000	271.315	BASE UPR BLUECASTLE SEGO CASTLEGATE Total Depth at 8680.60ft Target - 13-17 BHL, Current Target
7920.60	0.000	0.000	7340.00	1094.00 S	1848.00 E	2147.54	0.000	0.000	0.000	271.315	
8205.60	0.000	0.000	7625.00	1094.00 S	1848.00 E	2147.54	0.000	0.000	0.000	271.315	
8580.60	0.000	0.000	8000.00	1094.00 S	1848.00 E	2147.54	0.000	0.000	0.000	271.315	
8680.60	0.000	0.000	8100.00	1094.00 S	1848.00 E	2147.54	0.000	0.000	0.000	271.315	

All data is in Feet (US Survey) unless otherwise stated. Directions and coordinates are relative to True North. Vertical depths are relative to RKB. Northings and Eastings are relative to 700 FNL,2439 FWL.

The Dogleg Severity and Build and Turn rates are in Degrees per 100 feet (US Survey). Vertical Section is from 700°FNL,2439°FWL and calculated along an Azimuth of 120.625° (True).

Based upon Minimum Curvature type calculations, at a Measured Depth of 8680.60ft., The Bottom Hole Displacement is 2147.54ft., in the Direction of 120.625° (True).

#### **Comments**

Measured	Sta	tion Coordi	nates	•
Depth	TVĐ	Northings	Eastings	Comment
(ft)	(ft)	(ft)	(ft)	
1000.00	1000.00	0.00 N	0.00 E	Kick-Off at 1000.00ft
2984.79	2829.77	336.46 S	568.36 E	End of Build at 2984.79ft
3934.21	3560.30	645.38 S	1090.19 E	Drop to Vertical at 3934.21ft
6580.60	6000.00	1094.00 S	1848.00 E	End of Drop at 6580.60ft
8680.60	8100.00	1094.00 S	1848.00 E	Total Depth at 8680.60ft

# Proposal Report for SEC 6-T13S-R17E - Peter's Point 16-6D-13-17 - VERSION 2 Revised: 25 August, 2004

#### **Formation Tops**

Forma	tion P	lane	₽	rofile	Penetr	Penetration Point					
(Below Well Origin)			Measured	Vertical	Sub-Sea			,			
Sub-Sea (ft)	Dip Angle	Dn-Dip Dirn.	Depth (ft)	Depth (ft)	Depth (ft)	Northings (ft)	Eastings (ft)	Formation Name			
-3988.00	0.000	91.315	2888.93	2755.00	-3988.00	305.91 S	516.74 E	WASATCH			
-2108.00	0:000	91.315	5184.74	4635.00	-2108.00	965.51 S	1630.96 E	NORTH HORN			
-693.00	0.000	91.315	6630.60	6050.00	-693.00	1094.00 S	1848.00 E	PRICE RIVER			
-543.00	0.000	91.315	6780.60	6200.00	-543.00	1094.00 S	1848.00 E	BASE UPR			
597.00	0.000	91.315	7920.60	7340.00	597.00	1094.00 S	1848.00 E	BLUECASTLE			
882.00	0.000.	91.315	8205.60	7625.00	882.00	1094.00 S	1848.00 E	SEGO			
1257.00	0.000	91.315	8580.60	8000.00	1257.00	1094.00 S	1848.00 E	CASTLEGATE			

#### Casing details

Fr	o m	т		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Casing Detail
<surface></surface>	<surface></surface>	650.00	650.00	9 5/8in Casing

# Proposal Report for SEC 6-T13S-R17E - Peter's Point 16-6D-13-17 - VERSION 2 Revised: 25 August, 2004

### Targets associated with this wellpath

		Taro	get Entry Cooi	dinates		
Target Name		TVD (ft)	Northings (ft)	Eastings (ft)	Target Shape	Target Type
13-17 TARGET V2		6050.00	1274.00 S	2028.00 E	Polygon	Current Target
	Mean Sea Level/Global Coordinates:	-693.00	31645796.32 N	23512183.98 W		_
	Geographical Coordinates:		39° 43' 03.3663" N	110° 03' 42.5031" E		
	Target Boundary Point #1	6050.00	1074.00 S	1828.00 E		
	#2	6050.00	1074.00 S	2228.00 E		
	#3	6050.00	1474.00 S	2228.00 E		
	#4	6050.00	1474.00 S	1828.00 E		
	Mean Sea Level/Global Coordinates #1	-693.00	31646000.86 N	23511988.62 W		
	#2	-693.00	31645600.96 N	23511979.44 W		
	#3	-693.00	31645591.78 N	23512379.34 W		•
	#4	-693.00	31645991.68 N	23512388.52 W		
	Geographical Coordinates #1		39° 43' 05.3432" N	110° 03' 39.9436" E		
	#2		39° 43' 05.3429" N	110° 03' 45.0630" E		
	#3		39° 43' 01.3894" N	110° 03' 45.0626" E		
	#4		39° 43' 01.3897" N	110° 03′ 39.9432" E		
13-17 BHL		8100.00	1094.00 S	1848.00 E	Point	Current Target
	Mean Sea Level/Global Coordinates: Geographical Coordinates:	1357.00	31645980.40 N 39° 43' 05.1455" N	23512008.16 W 110° 03' 40.1996" E		

### North Reference Sheet for SEC 6-T13S-R17E - Peter's Point 16-6D-13-17

Coordinate System is NAD83 Utah State Planes, Central Zone Source: Snyder, J.P., 1987, Map Projections - A Working Manual

Datum is North American Datum of 1983

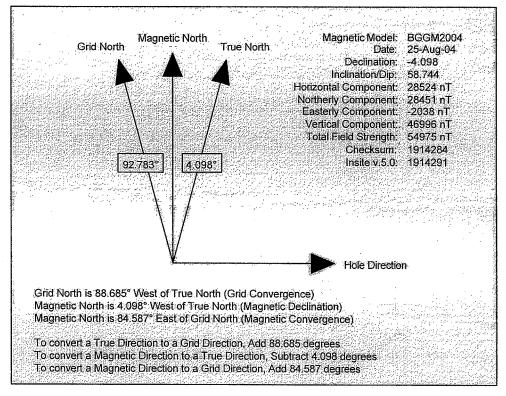
Spheroid is Geodetic Reference System of 1980 Equatorial Radius: 6378137.000m. Polar Radius: 6356752.314m. Inverse Flattening: 298.257222100892

Projection method is Lambert Conformal Conic Projection Central Meridian is -111.500° Longitude Origin: -111.500° Latitude Origin: 38.333° False Easting: 500000.00m

False Northing: 2000000.00m Scale Reduction: 1.00000000

Grid Coordinates of Well: 31647853.02 N, 23510956.85 W Geographical Coordinates of Well: 39° 43' 15.9591" N, 110° 03' 16.5480" E Surface Elevation of Well: 6743.00ft Grid Convergence at Surface is -88.685°

Magnetic Declination at Surface is -4.098° (25 August, 2004)



#### **HAZARDOUS MATERIAL DECLARATION**

FOR WELL NO. PETERS POINT UNIT FEDERAL 16-6D-13-17 LEASE NO. UTU 0744

Bill Barrett Corporation guarantees that during the drilling and completion of the above referenced well, we will not use, produce, or store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Super Amendments and Reauthorization Act (SARA) of 1986.

Bill Barrett Corporation guarantees that during the drilling and completion of the above referenced well, we will use, produce, store, transport, or dispose less than the threshold planning quantity (TPQ) of any extremely hazardous substances as defined in 40 CFR 355.

BILL BARRETT CORPORATION
PETER'S POINT UNIT FEDERAL
#11-6-13-17, #16-31D-12-17 & #16-6D-13-17 LOCATED IN CARBON COUNTY, UTAH SECTION 6, T13S, R17E, S.L.B.&M.

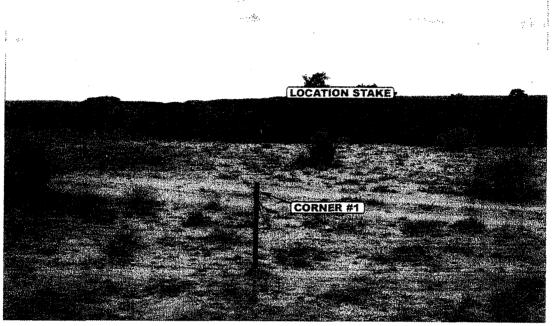


PHOTO: VIEW FROM CORNER #1 TO LOCATION STAKE

Control Mariane

CAMERA ANGLE: SOUTHERLY

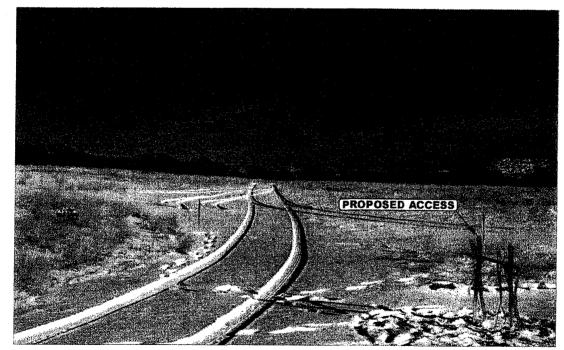


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY

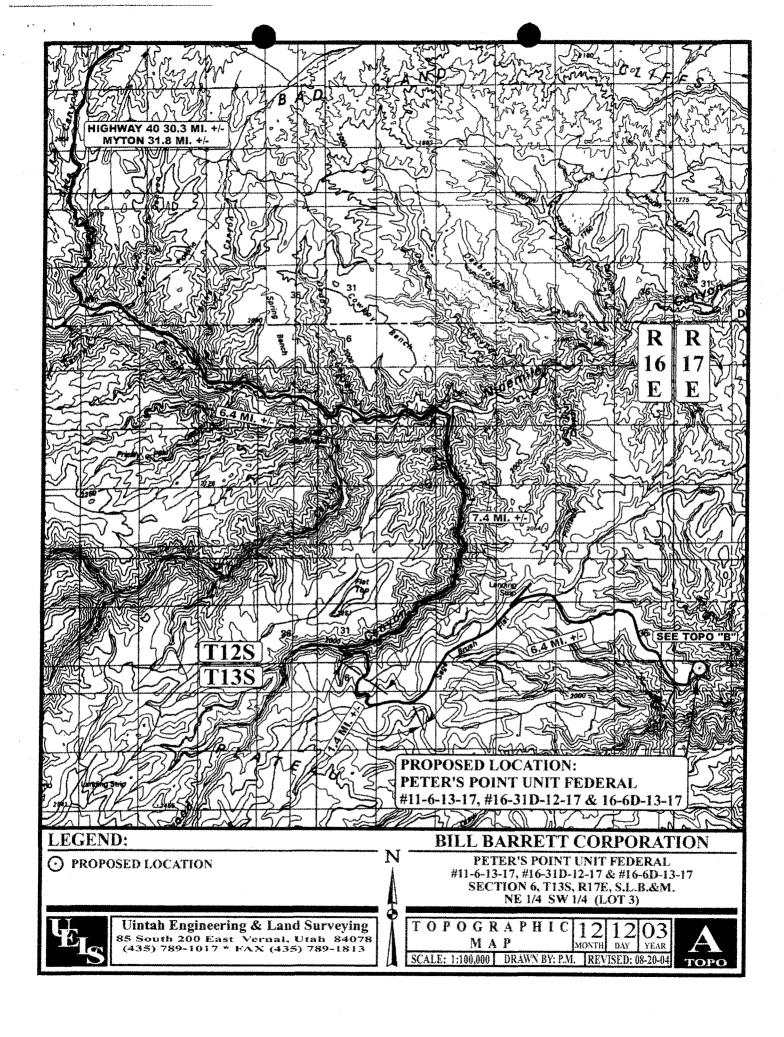


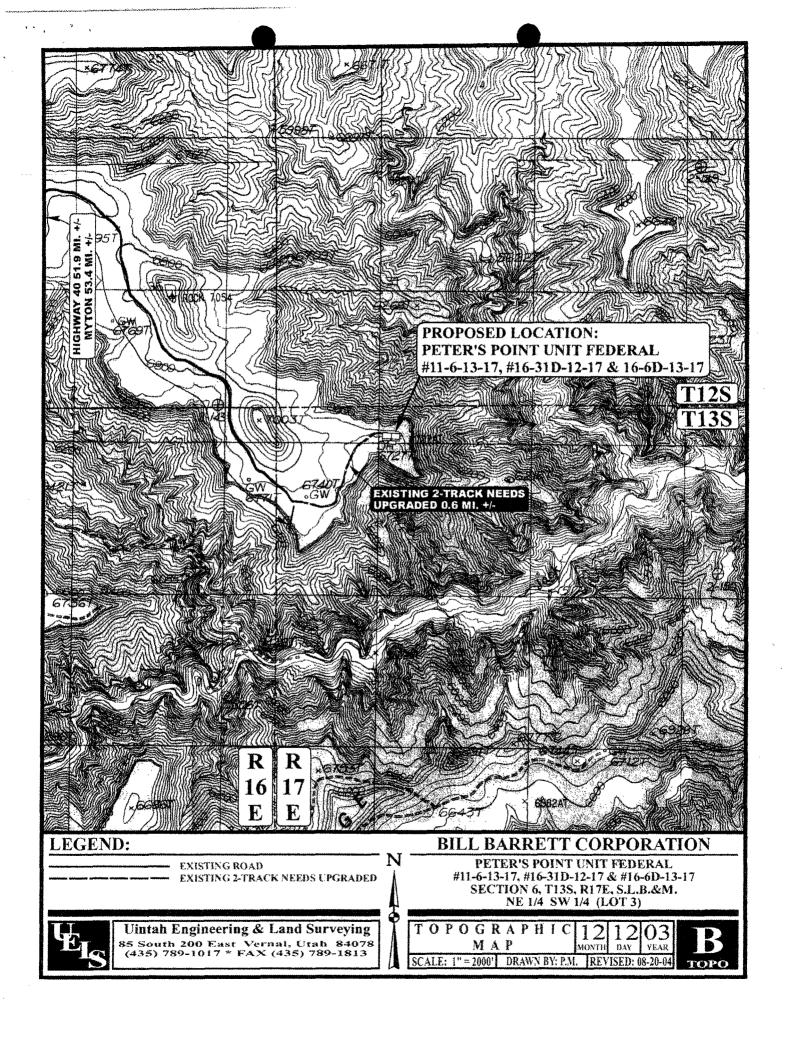
Uintah Engineering & Land Surveying S South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

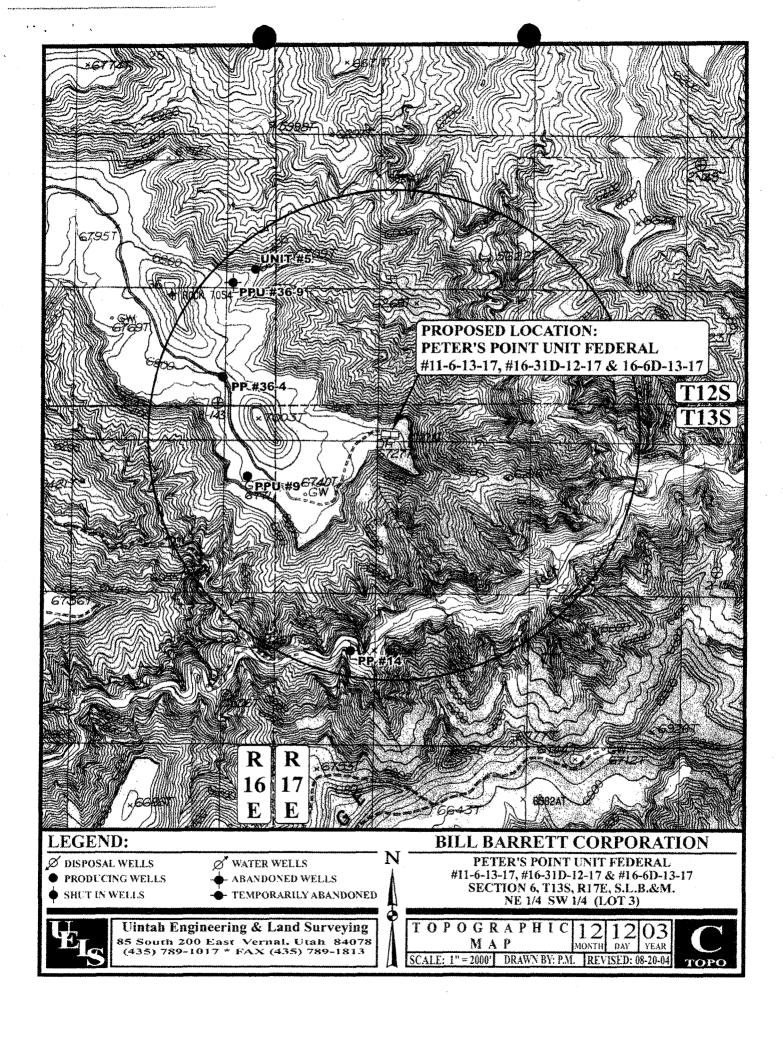
**LOCATION PHOTOS** 

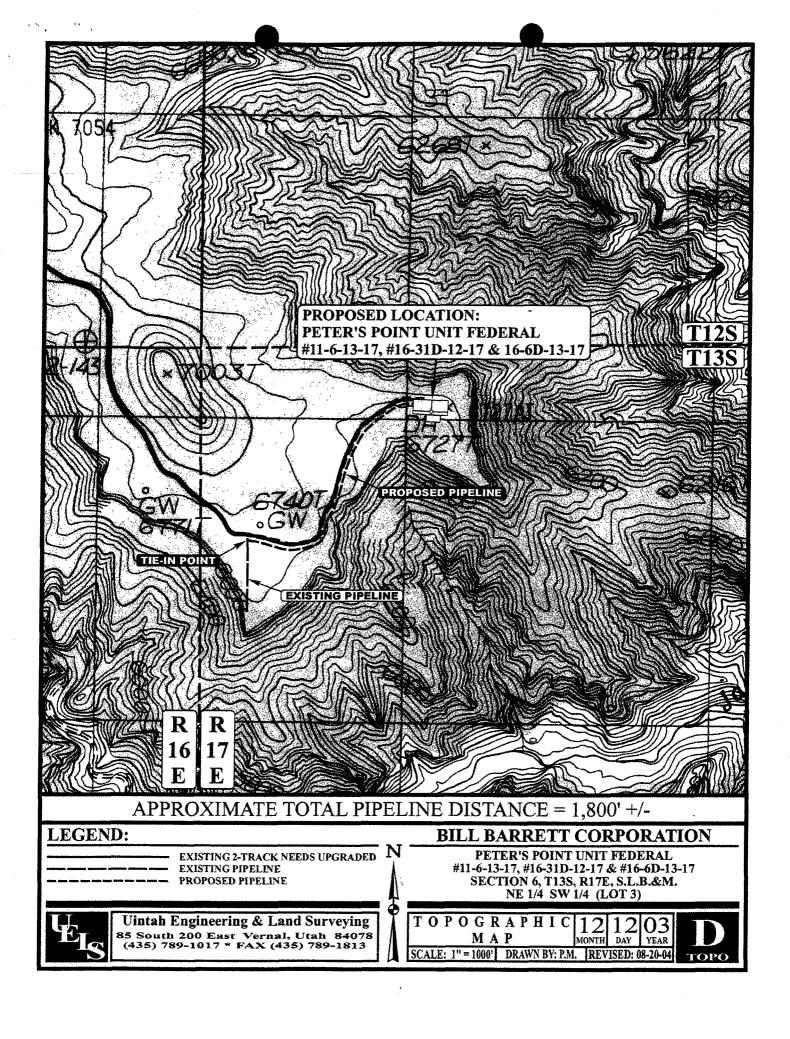
YEAR

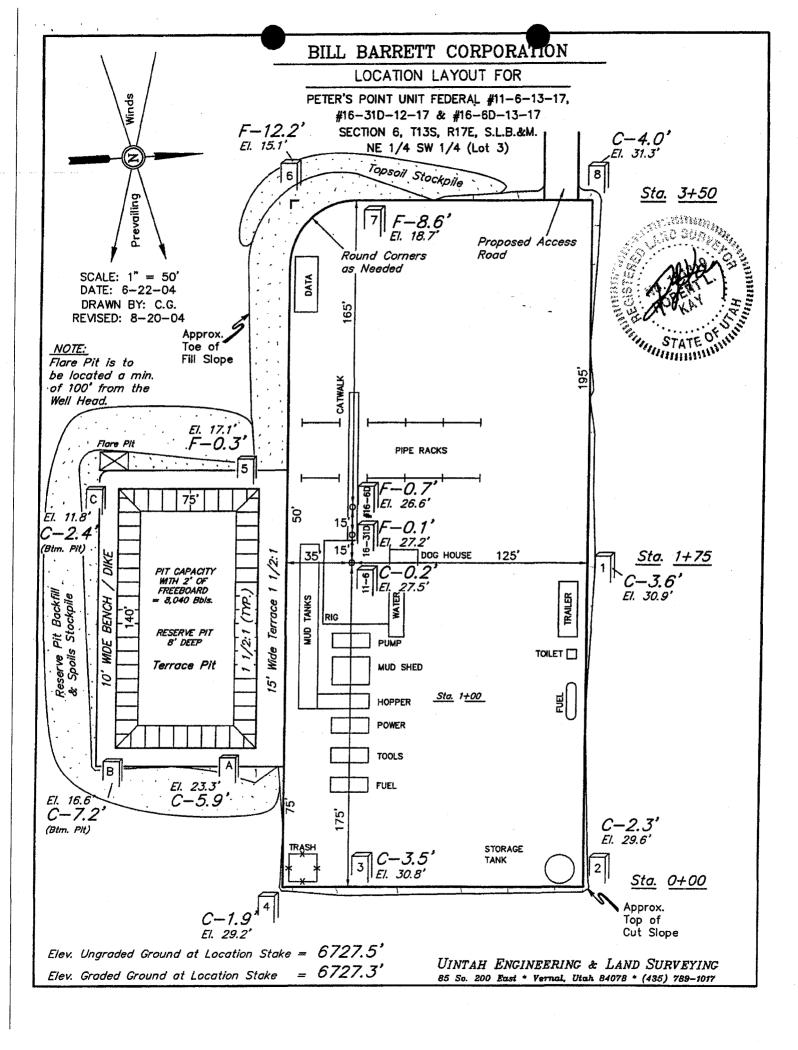
TAKEN BY: GO. | DRAWN BY: P.M. | REVISED: 08-20-04

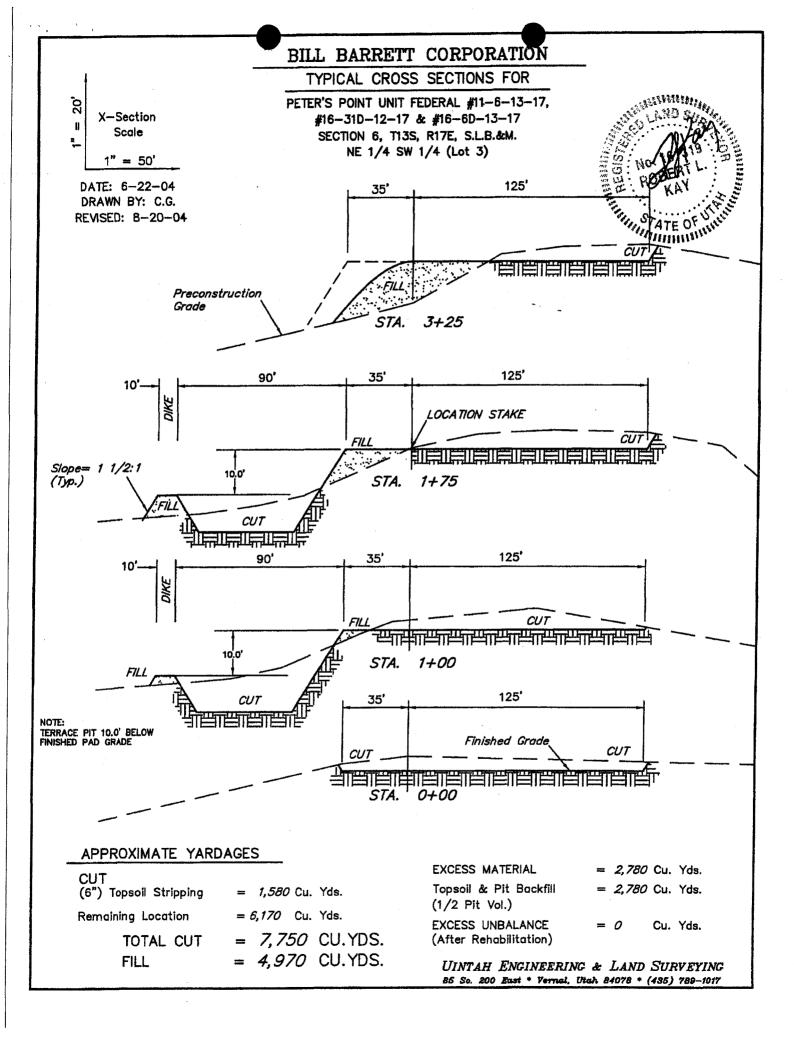






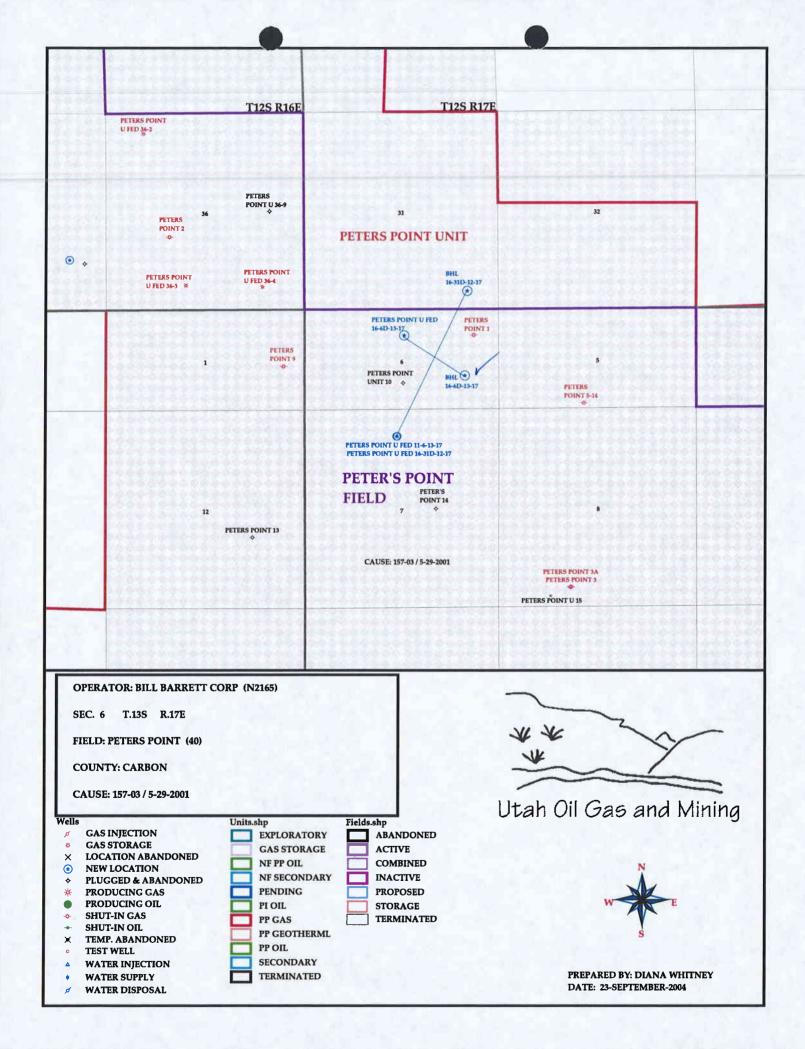






# WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/30/2004	API NO. ASSIGNED: 43-007-31004
WELL NAME: PETERS POINT U FED 16-60-13-17 OPERATOR: BILL BARRETT CORP ( N2165 ) CONTACT: TRACEY FALLANG	PHONE NUMBER: 303-312-8168
PROPOSED LOCATION:  NESW 06 130S 170E  SURFACE: 0700 FNL 2439 FWL  ESC BOTTOM: 0837 FSL 0822 FEL  CARBON  PETER'S POINT (40)  LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU 0744  SURFACE OWNER: 1 - Federal  PROPOSED FORMATION: CSLGT  COALBED METHANE WELL? NO	INSPECT LOCATN BY: / /  Tech Review Initials Date  Engineering  Geology  Surface  LATITUDE: 39.71371  LONGITUDE: -110.0538
RECEIVED AND/OR REVIEWED:  Plat  Bond: Fed[1] Ind[] Sta[] Fee[]  (No. WY000040 )  Potash (Y/N)  Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. 90-1542 )  RDCC Review (Y/N)  (Date: )  N# Fee Surf Agreement (Y/N)	LOCATION AND SITING:  R649-2-3.  Unit PETERS POINT  R649-3-2. General     Siting: 460 From Qtr/Qtr & 920' Between Wells  R649-3-3. Exception  Drilling Unit     Board Cause No: 157-03     Eff Date: 5-39-300/     Siting: Suspends General Sting  R649-3-11. Directional Drill
STIPULATIONS: 1- Code in O Apple	





State of Utah

Department of Natural Resources

ROBERT L. MORGAN Executive Director

Division of Oil, Gas & Mining

LOWELL P. BRAXTON Division Director OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE Lieutenant Governor

September 14, 2004

Bill Barrett Corporation 1099 18th Street, Suite 2300 Denver, CO 80202

Re:

Peter's Point Unit Federal 16-6D-13-17 Well, Surface Location 700' FNL, 2439' FWL, NE SW, Sec. 6, T. 13 South, R. 17 East, Bottom Location 837' FSL, 822' FEL, SE SE, Sec. 6, T. 13 South, R. 17 East, Carbon County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-31004.

Sincerely,

John R. Baza
Associate Director

pab Enclosures

cc: Carbon County Assessor

Bureau of Land Management, Moab District Office

Operator:	Bill Barrett Corporation		
Well Name & Number	ne & Number Peter's Point Unit Federal 16-6D-13-17		
API Number: 43-007-31004			
Lease: <u>UTU-0744</u>			
Surface Location: NE SW Bottom Location: SE SE	Sec. 6 Sec. 6	T. 13 South T. 13 South	R. 17 East R. 17 East

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

FORM APPROVED Form 3160-3 OMB No. 1004-0137 Expires March 31, 2007 (April 2004) UNITED STATES Lease Serial No. DEPARTMENT OF THE INTERIOR **UTU 0744** BUREAU OF LAND MANAGEMENT If Indian, Allotee or Tribe Name 0.07APPLICATION FOR PERMIT TO DRILL OR REENTER 7 If Unit or CA Agreement, Name and No. **V** DRILL REENTER la. Type of work: PETERS POINT UNIT 8. Lease Name and Well No. ✓ Single Zone Oil Well Gas Well Peter's Point Unit Federal #16-6D -13-17 Multiple Zone lb. Type of Well: 9. API Well No. Name of Operator BILL BARRETT CORPORATION pending 430073100 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory 3a. Address 1099 18th Street, Suite 2300 Denver CO 80202 (303) 312-8168 Peter's Point Unit 11. Sec., T. R. M. or Bik and Survey or Area 4. Location of Well (Report location clearly and in accordance with any State requirements.\*) Lot 3, NESW 700' FNL & 2439' FWL At surface Section 6-T13S-R17E S.L.B.&M. SESE, 837' FSL & 822' FEL (Sec. 6, T13S-R17E) At proposed prod. zone 12. County or Parish 13. State 14. Distance in miles and direction from nearest town or post office\* UT Carbon approximately 40 miles northeast of Wellington, Utah 17. Spacing Unit dedicated to this well Distance from proposed\* 16. No. of acres in lease 15. location to nearest property or lease line, ft. 480.51 160 acres (Also to nearest drig. unit line, if any) 20. BLM/BIA Bond No. on file 18. Distance from proposed location\* to nearest well, drilling, completed, 19. Proposed Depth 8100' (TVD) / 8681' (MD) Nationwide Bond #WYB000040 2143 applied for, on this lease, ft. 22. Approximate date work will start\* 23. Estimated duration Elevations (Show whether DF, KDB, RT, GL, etc.) 10/28/2004 60 days 6727' ungraded ground 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form: Bond to cover the operations unless covered by an existing bond on file (see 1. Well plat certified by a registered surveyor. Item 20 above). 2. A Drilling Plan. Operator certification 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature Sacry Fallancy	Name (Printed/Typed) Tracey Fallang	Date 08/27/2004
Title Permit Fallang	Tracey running	V0/27/2004
Approved by (Signature)  SI Eric C. Jones	Name (Printed/Typed)	Date OGT 22
Assistant Field Manager,	Office Moab Field Office	
Application approval does no <b>Provisional Propriet Constitution approval</b> does no <b>Provisional Propriet Constitution approval</b> does no <b>Provisional Provisional Pr</b>		ould entitle the applicant to
		C.1 11 1 1

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

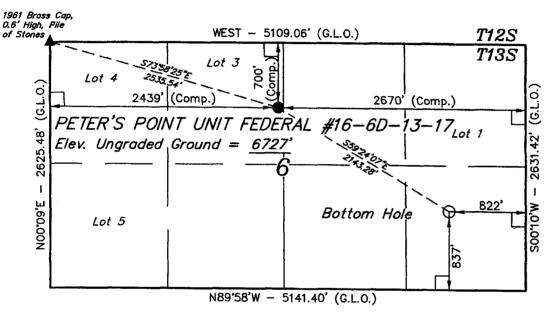
\*(Instructions on page 2)

CONDITIONS OF APPROVAL ATTACHED
RECEIVED OCT 2 6 2004
DIV. OF OIL, GAS & MINTOGRAPHICAL OCT AND COMMENTS.

MOAB FIELD OFFICE

2004

## T13S, R17E, S.L.B.&M.



NOTE:
BASIS OF BEARINGS IS THE WEST LINE OF THE NW
1/4 OF SECTION 36, T135, R17E, S.L.B.&M. WHICH IS
ASSUMED FROM G.L.O. INFORMATION TO BEAR NOT21'W.

#### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

\_\_ = 90° SYMBOL

LEGEND:

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)

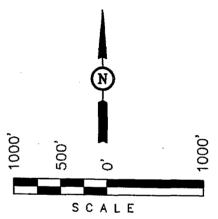
LATITUDE = 39°43'15.97" (39.721103) LONGITUDE = 110°03'16.93" (110.054703)

## BILL BARRETT CORPORATION

Well location, PETER'S POINT UNIT FEDERAL #16-6D-13-17, located shown in Lot 3 of Section 6, T13S, R17E, S.L.B.&M. Carbon County, Utah.

#### BASIS OF ELEVATION

SPOT ELEVATION AT A WELL HEAD IN THE SW 1/4 OF SECTION 36, T12S, R16E, S.L.B.&M. TAKEN FROM THE CEDAR RIDGE CANYON QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6769 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT AND PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS AND BY ME OR UNDER MY
SUPERVISION AND THAT THE SME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE ANCEREDE.

REGISTERED LAND SURVEYOR REGISTRATION NO. 181319

REVISED: 8-25-04

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

(100) 100 101.		
SCALE 1" = 1000'	DATE SURVEYED: DATE DRAWN: 12-1-03 8-20-04	4
PARTY G.O. C.G. C.G.	REFERENCES G.L.O. PLAT	
WEATHER	FILE	
COOL	BILL BARRETT CORPORATION	

Bill Barrett Corporation
Peters Point Unit Federal 16-6D-13-17
Surface Lease UTU0744
Surface Leasting Let 3 (NESW) See 6

Surface Location:

Lot 3 (NESW) Sec. 6, T13S, R17E

Bottom-hole Location: SESE Sec. 6, T13S, R17E Carbon County, Utah

A COMPLETE COPY OF THIS PERMIT SHALL BE KEPT ON LOCATION from the beginning of site construction through well completion, and shall be available to contractors to ensure compliance.

#### CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Bill Barrett Corporation is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by WYB000040 (Principal –Bill Barrett Corporation) via surety consent as provided for in 43 CFR 3106.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application must be filed for approval.

All lease operations will be conducted in full compliance with applicable regulations (43 CFR 3100), Onshore Oil and Gas Orders, lease terms, notices to lessees, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors.

#### A. DRILLING PROGRAM

- 1. The proposed 3M BOP system is adequate for anticipated conditions.
  Installation, testing and operation of the system shall be in conformance with Onshore Oil and Gas Order No. 2.
- 2. Concurrent approval from the State of Utah, Division of Oil, Gas & Mining (DOGM) is required before conducting any surface disturbing activities.
- 3. This well is located on the same wellsite as the Peters Point No. 10, which was drilled as a dry hole in 1974. The geologic report from that well indicates that numerous hydrocarbon bearing zones were penetrated in the Green River Fm between the depths of 1220 and 1800 feet.
  - In order to protect and isolate these zones, the production casing shall be cemented into place such that the top-of-cement extends at least 100 feet inside the surface casing. Cement shall cover and isolate all strata penetrated by the proposed well.
- 4. A cement bond log (CBL) or other appropriate tool for determining top-of-cement, shall be run on the production casing string, unless cement is circulated to surface.
- 5. If logging reveals that the cementing objectives were not met, remedial cementing will be required.
- 6. Locally, the Green River Formation is known to contain oil, gas, oil shale and tar sand deposits. However, the lateral occurrence, distribution and grade of the oil shale and tar sand deposits are not well defined. The operator shall pay particular attention to this section, and shall attempt to identify and describe any of these resources that may be penetrated. Any information obtained on these resources shall be included as part of the Well Completion Report.

#### B. SURFACE USE

1. The following appendices are attached for your reference. They are to be followed as conditions of approval:

SM-A, Seed Mixture for Berms, Topsoil Piles, Pad Margins SM-B, Seed Mixture for Final Reclamation (buried pipelines, abandoned

pads, roads, etc.)

TMC1, Browse Hand Planting Tubeling Mixtures

Lease Stipulations, see attached Table 2.3 from EA for West Tavaputs Plateau Drilling Program.

Applicant-committed environmental protection measures, see attached Appendix B

- 2. The mud pit will be lined with an impermeable liner. Fill from the pit would be stockpiled within a drainage control berm along the edge of the pit and adjacent edge of the well pad.
- 3. Within six months of installation, surface structures shall be painted in the following flat, earth tone color: Olive Black (5WA20-6). This Fuller O'Brien color is for reference only. Any brand of paint may be used provided the colors match. Any facilities that must be painted to comply with OSHA standards are exempt.
- 4. In areas where the soil surface shows evidence of biological soil crusts, the top uppermost (1/4-inch) of undisturbed biological soils from adjacent an undisturbed area shall be randomly collected from small areas (approximately 12-inch squares) and cast over the reclaimed site immediately following final reclamation to the facilitate re-establishment of soil crusts. Such actions would mitigate impacts to soil crusts in the long-term, although short-term impacts would remain.
- 5. BBC shall provide the authorized officer with an annual report of water consumed for the entire field for drilling, completion, and dust-suppression activities. This report shall detail the amounts used and the source of the water.
- 6. Where appropriate use brush-hog or similar equipment to minimize impact to vegetation and enhance re-growth and revegetation potential.

- 7. Feather edges of disturbed area by creating a vertical transition from taller to shorter vegetation along disturbed edges. Vary width of disturbance and preserve some plant masses to create a more naturally appearing edge and thereby avoid straight, sweeping, and converging lines in the landscape.
- 8. Reduce overall width of surface disturbance by working with equipment on the road, and taking advantage of the access already provided by the roadway.
- 9. BBC shall implement an effective revegetation plan, including installation of shrubs and tubelings, thus establishing larger plants early.
- 10. Use rocks and downed vegetation to "break up" new textures created by disturbance and exposure of soils, and to provide "planting pockets" for the establishment of new plant materials.
- 11. At stream crossings keep all equipment away from edge of escarpments and stream banks thereby minimizing impacts to escarpment edge, and stabilize these edges pre-construction using vegetative or mechanical methods.
- 12. Refer to TMC1, Browse Hand Planting Tubeling Mixtures to easily establish fast-growing shrubs in seed mix and as tubelings.
- 13. To minimize the chance of undesirable plant species (especially seeds) from being carried into the WTPPA, equipment would be power-washed before being brought in.
- 14. Heavy equipment would not mobilize or demobilize through Nine Mile Canyon on weekends or holidays.
- 15. Recontour all disturbed surfaces to more natural-appearing landform, similar in topography to pre-disturbance and surrounding landscape. Prepare the soils for proper revegetation and implement best management practices for revegetation and erosion control.
- 16. The Mexican Spotted Owl Conservation Measures to avoid impacts:
  - 1. Complete construction/drilling activities proposed within Designated Habitat outside the nesting period (March 1-August 31).
  - 2. Employ best available technology on production wells and compression equipment within .5 miles of canyon habitat model. This specifically applies to wells 16-35,14-34-12-16,11-6-13-17 and Dry Canyon compressor.

- 3. Conduct annual surveys for nesting roosting habitat in areas proposed for construction activity within .5 miles of identified canyon habitat, based on the USFWS 2000, MSO habitat model.
- 4. Upon discovery of individuals or sightings of this species, halt construction/drilling activities and notify authorized official.
- 17. No construction/drilling activities shall occur during the time of the year November 1 through May 15 for sage-grouse winter habitat.
- 18. Mule deer on critical winter ranges shall be protected by seasonal restrictions on construction from November 1 through May 15 where federal permits are required.
- 19. Elk on high priority and critical winter ranges would be protected by seasonal restrictions on construction from November 1 through May 15.
- 20. The Operator shall contact the authorized BLM official for an onsite prior to the placement of long-term structures occupying the pad longer than 6 months and higher than 14 feet above the original natural grade.

#### **GENERAL CONSTRUCTION**

- 21. Operator shall contact the Price BLM Office at least forty-eight hours prior to the anticipated start of construction and/or any surface disturbing activities. The BLM may require and schedule a preconstruction conference with the operator prior to the operator commencing construction and/or surface disturbing activities. The operator and the operator's contractor, or agents involved with construction and/or any surface disturbing activities associated with the project, shall attend this conference to review the Conditions of Approval and plan of development. The operator's inspector will be designated at the pre-drill conference, and is to be given an approved copy of all maps, permits and conditions of approval before the start of construction. The BLM will also designate a representative for the project at the preconstruction conference.
- 22. The operator shall designate a representative(s) who shall have the authority to act upon and to implement instructions from the BLM. The operator's representative shall be available for communication with the BLM within a reasonable time when construction or other surface disturbing activities are underway.

23. Any archaeology/cultural resource discovered by the operator, or any person working on his behalf, on public land are to be immediately reported to the Price BLM Office. The operator will suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Price BLM Office. An evaluation of the discovery will be made by the BLM to determine appropriate actions to prevent the loss of significant cultural or scientific values. The operator is responsible for the cost of evaluation of any site found during construction. The BLM will determine what mitigation is necessary.

Any paleontological resource discovered by the operator, or any person working on his behalf, on public land is to be immediately reported to the Price BLM Office. The operator will suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Price BLM Office. An evaluation of the discovery will be made by the BLM to determine appropriate actions to prevent the loss of significant cultural or scientific values. The operator is responsible for the cost of evaluation of any site found during construction. The BLM will determine what mitigation is necessary.

- 24. During project construction, surface disturbance and vehicle travel shall be limited to the approved location and access routes. Any additional area needed must be approved by the Price BLM Office prior to use.
- 25. The operator must provide a trash cage for the collection and containment of all trash. The trash shall be disposed in an authorized landfill. The location and access roads shall be kept litter free.
- 26. Vegetation removal necessitated by construction shall be confined to the limits of actual construction. Removed vegetation will be stockpiled for use in reclamation or removed from the construction site at the direction of the BLM.
- 27. Prior to surface disturbance, topsoil is to be separately removed and segregated from other material. Topsoil depth will be decided onsite by BLM. If the topsoil is less than 6 inches, a 6-inch layer that includes the A horizon and the unconsolidated material immediately below the A horizon shall be removed and the mixture segregated and redistributed as the surface soil layer.

Generally topsoil shall be stored within the pad site or adjacent to access roads. The company in consultation with BLM shall determine stockpile locations and dimensions at the onsite. If the topsoil stockpiles will not be redistributed for a period in excess of one (1) year, the stockpiles are to be seeded with seed mixture SM-A (attached).

#### **ROAD and PIPELINE CONSTRUCTION**

- 28. Operator shall provide an inspector under the direction of a registered professional engineer (PE) at all times during road construction. A PE shall certify (statement with PE stamp) that the road was constructed to the required Bureau of Land Management (BLM) road standards.
- 29. Road construction or routine maintenance activities are to be performed during periods when the soil can adequately support construction equipment. If such equipment creates ruts more than 6 inches deep, the soil is deemed too wet to adequately support construction equipment. Whenever dust plumes exceed 200 feet the company shall water the road to abate the dust
- 30. The operator is responsible for maintenance of all roads authorized through the lease or a right-of-way. Construction and maintenance shall comply with Class II or III Road Standards as described in BLM Manual Section 9113 and the Moab District Road Standards, except as modified by BLM. Maintenance may include but is not limited to grading, applying gravel, snow removal, ditch cleaning, headcut restoration/prevention.
- 31. Topsoil from access roads and pipelines are to be wind rowed along the uphill side of the road or stored in an approved manner. When the road and pipeline is rehabilitated, this soil will then be used as a top coating for the seed bed.
- 32. Erosion-control structures such as water bars, diversion channels, and terraces will be constructed to divert water and reduce soil erosion on the disturbed area. Road ditch turnouts shall be equipped with energy dissipaters as needed to avoid erosion. Where roads interrupt overland sheet-flow and convert this runoff to channel flow, ditch turnouts shall be designed to reconvert channel flow to sheet flow. Rock energy dissipaters and gravel dispersion fans may be used or any other design which would accomplish the desired reconversion of flow regime. As necessary cut banks, road drainages, and road crossings shall be armored or otherwise engineered to prevent headcutting.

### PAD CONSTRUCTION

33. During the construction of the drill pad, suitable topsoil material is to be stripped and conserved in a stockpile on the pad. If stockpiles are to remain for more than a year, they shall be seeded with the seed mixture in appendix SM-A, attached.

- 34. Generally, drill pads are to be designed to prevent overland flow of water from entering or leaving the site. The pad is to be sloped to drain spills and water into the reserve pit. The drill pad shall be designed to disperse diverted overland flow and to regulate flow velocity so as to prevent or minimize erosion. Well pad diversion outlets shall be equipped with rock energy dissipators and gravel-bedded dispersion fans.
- 35. In the event construction can't be completed prior to winter closures, measures to prevent erosion from upcoming spring snowmelt shall be taken as follows:
  - a. Loose earth and debris will be removed from drainages, and flood plains.
  - b. Earth and debris shall not be stockpiled on drainage banks.
  - c. Road drainages shall be checked to ensure there are none with uncontrolled outlets.
    - 1. Be sure all ditch drainages have an outlet to prevent ponding.
    - 2. If necessary, build temporary sediment ponds to capture runoff from unreclaimed areas.
    - 3. Re-route ditches as needed to avoid channeling water through loosened soil.
- 36. Excess material from road blading must not be plowed into drainages. Remove excess material and deposit at approved locations.

## REHABILITATION PROCEDURES

#### Site Preparation

37. The entire roadbed should be obliterated and brought back to the approximate original contour. Drainage control is to be reestablished as necessary. All areas affected by road construction are to be recontoured to blend in with the existing topography. All berms are to be removed unless determined to be beneficial by BLM. In recontouring the disturbed areas, care should be taken to not disturb additional vegetation.

#### Seedbed Preparation

- 38. An adequate seedbed should be prepared for all sites to be seeded. Areas to be revegetated should be chiseled or disked to a depth of at least 12 inches unless restrained by bedrock.
- 39. Ripping of fill materials should be completed by a bulldozer equipped with single or a twin set of ripper shanks. Ripping should be done on 4-foot centers to a depth of 12 inches. The process should be repeated until the compacted area is loose and friable, and then shall be followed by final grading. Seedbed preparation will be considered complete when the soil surface is completely roughened and the number of rocks (if present) on the site is sufficient to cause the site to match the surrounding terrain.
- 40. After final grading, the stockpiled topsoil shall be spread evenly across the disturbed area.

#### **Fertilization**

- 41. Commercial fertilizer with a formula of 16-16-8 is to be applied at a rate of 200 pounds per acre to the site. The rate may be adjusted depending on soil.
- 42. Fertilizer is to be applied not more than 48 hours before seeding, and shall be cultivated into the upper 3 inches of soil.
- 43. Fertilizer is to be broadcast over the soil using hand-operated "cyclone-type" seeders or rotary broadcast equipment attached to construction or revegetation machinery as appropriate to slope. All equipment should be equipped with a metering device. Fertilizer application is to take place before the final seeding preparation treatment. Fertilizer broadcasting operations should not be conducted when wind velocities would interfere with even distribution of the material.

## <u>Mulching</u>

44. When it is time to reclaim this location, the Price BLM Office will determine whether it will be necessary to use mulch in the reclamation process. The type of mulch should meet the following requirements: Wood cellulose fiber shall be natural or cooked, shall disperse readily in water, and shall be nontoxic. Mulch shall be thermally produced and air dried. The homogeneous slurry or mixture shall be capable of application with power spray equipment. A colored dye that is noninjurious to plant growth may be used when specified.

Wood cellulose fiber is to be packaged in new, labeled containers. A minimum application of 1500 pounds per acre shall be applied. A suitable tackifier shall be applied with the mulch at a rate of 60 to 80 pounds per acre.

An alternative method of mulching on small sites would be the application of straw or hay mulch at a rate of 2000 pounds per acre. Hay or straw shall be certified weed free. Following the application of straw or hay, crimping shall occur to ensure retention.

#### Reseeding

All disturbed areas are to be seeded with the seed mixture required by the 45. BLM. The seed mixture(s) shall be planted in the fall of the year (Sept-Nov), in the amounts specified in pounds of pure live seed (PLS)/acre. If fall seeding is not feasible, the seed mixture(s) shall be planted April 30-May 31. There shall be no noxious weed seed in the seed mixture. Seed will be tested and the viability testing of seed shall be done in accordance with State law(s) and within 12 months prior to planting. Commercial seed will be either certified or registered seed. The seed mixture container shall be tagged in accordance with State law(s) and available for inspection by the BLM. Seed is to be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture shall be evenly and uniformly planted over the disturbed area. (Smaller/heavier seeds tend to drop to the bottom of the drill and are planted first. Appropriate measures should be taken to ensure this does not occur.) Where drilling is not possible, seed is to be broadcast and the area raked or chained to cover the seed. Woody species with seeds that are too large for the drill will be broadcast. When broadcasting the seed, the pounds per acre noted below are to be increased by 50 percent.

Reseeding may be required if a satisfactory stand is not established to the surface rights owner's specifications. Evaluation of the seeding's success will not be made before completion of the second growing season after the vegetation becomes established. The Price BLM Office is to be notified a minimum of seven days before seeding a project.

46. The disturbed areas for the road and pipeline must be seeded in the fall of the year, immediately after the topsoil is replaced. The prescribed seed mixture is attached as appendix SM-B.

#### <u>General</u>

47. Prior to the use of insecticides, herbicides, fungicides, rodenticides and other

similar substance the operator must obtain from BLA approval of a written plan. The plan must describe the type and quantity of material to be used, the pest to be controlled, the method of application, the location for storage and disposal of containers, and other information that BLM may require. A pesticide may be used only in accordance with its registered uses and within other agency limitations. Pesticides must not be permanently stored on public lands.

#### Seed Mix A1

## Temporary Disturbance (for berms, topsoil piles, pad margins)

#### Forbes Lbs

Yellow Sweetclover	2.0 lbs/acre
Ladak Alfalfa	2.0 lbs/acre
Cicer Milkvetch	1.0 lbs/acre
Palmer Penstemon	0.5 lbs/acre

#### **Grasses Lbs**

Crested Wheatgrass	2.0 lbs/acre
Great Basin Wildrye	2.0 lbs/acre
Intermediate Wheatgrass	2.0 lbs/acre

#### **Total**

11.5 lbs/acre

1 Seed mix A is designed for rapid establishment, soil holding ability, and nitrogen fixing capability. C-4 EA, West Tavaputs Plateau Drilling Program

#### Seed Mix B

#### **Final Reclamation**

(for buried pipe lines, abandoned pads, road, etc.)

#### Forbes Lbs

Palmer Penstemon	0.5 lbs/acre
Golden Cryptantha	0.25 lbs/acre
Utah Sweetvetch	0.5 lbs/acre
Yellow Sweetclover	2.0 lbs/acre
Lewis Flax	1.0 lbs/acre

#### **Grasses Lbs**

Indian Ricegrass	1.0 lbs/acre
Needle & Thread Grass	1.0 lbs/acre
Intermediate Wheatgrass	2.0 lbs/acre
Blue Grama	0.5 lbs/acre
Galletta	0.5 lbs/acre
Great Basin Wildrye	2.0 lbs/acre

#### **Woody Plants Lbs**

Fourwing Saltbush	2.0 lbs/acre
Winterfat	0.5 lbs/acre
Wyoming Big Sage brush	0.25 lbs/acre
Utah Serviceberry	1.0 lbs/acre
Blue Elderberry (Raw Seeds)	1.0 lbs/acre

#### Total 16.0 lbs/acre

<sup>1</sup> Yellow Sweetclover is planted as a nurse crop to provide solar protection, soil binding and nitrogen fixing. It will normally be crowded out in 2 to 3 years.

#### TMC 1: Browse Hand Planting Tubeling Mixtures

One of the two browse species lists (checked below) are to be hand planted at the prescribed application rate and according to the following prescribed methods on areas that are undergoing long term reclamation. The would include all pipeline corridors, berm around edge of drill pads, miscellaneous disturbed areas associated with construction such as staging areas for equipment, sidecast on road cuts, along side upgraded or new roads up to and including borrow ditch and in the termination of redundant access roads being closed. This planting shall be completed in the first planting window following completion of construction and on all other disturbed areas upon final reclamation.

#### **Planting Methods:**

Planting shall be accomplished using a labor force with specific experience in landscape restoration, hand planting methods and handling and care of browse tubling and or bareroot stock plants.

Browse plants to be utilized can be bareroot stock or tubling stock plants of 1 year old age class or greater.

Browse seedling protectors will be used to provide protection from browsing ungulates for two years. Seedling protectors will be of an open mesh rigid design that will break down when exposed to sunlight and that measures a minimum of 12 inches in length and 4 inches in diameter.

Planting shall be completed in the spring (March 1-April 1) and or fall (November 1-December 1) planting windows.

Browse plants shall be stored and handled in such a manner as to maintain viability, according to the type of browse stock being used.

#### Planting Species and Application Rate:

	[ ] Sagebrush-Grass Plants Per Acre	[ ] Pinyon-Juniper
Species		
Wyoming Sagebrush (Gordon Creek)	100	50
Fourwing Saltbush (Utah seed source collected at or above 5,000 feet elevati	100 on)	50
True Mountain Mahogany (Utah seed source)	0	50
Antelope Bitterbrush (Utah seed source)	0	50
Total	200	200
Suitable Substitutions:		
Utah Serviceberry	no	50
Winterfat	100	no

Table 2.3 Lease Numbers, Oil and Gas Units, Federal ROW Requirements, and Lease Stipulations for the 12 Vertical Federal Wells Proposed by BBC.

Well Number/Location	Federal Lease Number and Stipulations	Unit Name	Federal ROW Needs
Federal Wells			
7-25	UTU-59970	Prickly Pear Unit	Lower Flat Iron Road
16-34	UTU-73671	Prickly Pear Unit	Lower Flat Iron Road
27-3	UTU-73670 1,2,3	Prickly Pear Unit	None
21-2	UTU-73670 1,2,3	Prickly Pear Unit	None
13-4	UTU-74385	Prickly Pear Unit	None
5-13	UTU-73665	Prickly Pear Unit	None
24-12	UTU-77513 1,2,3	Prickly Pear Unit	None
10-4	UTU-74386 1,2,3,4	Prickly Pear Unit	None
15-19	UTU-66801 1,2,3	Jack Canyon Unit	None
Existing Pads			
UT-10	UTU-66801 1,2,3	Peters Point Unit	None
PPH-8	UTU-66801 1,2,3	Peters Point Unit	None
PP-11	UTU-66801 1,2,3	Peters Point Unit	None
State Wells			
Section 2, T13 S, R15E	. NA	Prickly Pear Unit	Lower Flat Iron Road
Section 36, T12S, R15E	NA	Prickly Pear Unit	Lower Flat Iron Road
Section 32, T12S, R16E	NA	Prickly Pear Unit	Lower Flat Iron Road
Section 2, T13S, R16E	NA	None	Peters Point Road Extension

No occupancy or other surface disturbance will be allowed within 330 feet of the centerline or within the 100 year recurrence interval floodplain, whichever is greater, of the perennial streams, or within 660 feet of springs, whether flowing or not. This distance may be modified when specifically approved in writing by the authorized officer of the Bureau of Land Management.

In order to minimize watershed damage, exploration drilling and other development activity will be allowed only during the period from May 1 to October 31. This limitation does not apply to maintenance and operation of producing wells. Exceptions to this limitation in any year may be specifically approved in writing by the

authorized officer of the Bureau of Land Management.

Construction of access roads and drill pads on slopes in excess of 30 percent will require special design standards to minimize watershed damage. Drilling operations and any associated construction activities on slopes in excess of 50 percent may require directional drilling to prevent damage to the watershed. Exceptions to the limitations may be specifically approved in writing by the authorized officer of the Bureau of Land Management.

Raptor surveys will be required whenever surface disturbance and/or occupancy proposed in association with oil/gas exploration occur within a known nesting complex for raptors located in the NWNW Sec. 10. T12S, R14E. Field surveys will be conducted by the lessee/operator as determined by the authorized officer of the BLM. When surveys are required of the lessee/operator, the consultant hired must be found acceptable to the authorized officer prior to the field survey being conducted. Based on the result of the field survey, the

authorized officer will determine appropriate buffer zones.



APPLICANT-COMMITTED ENVIRONMENTAL PROTECTION MEASURES

#### 1.0 INTRODUCTION

Appendix B is part of BBC's Proposed Action for the WTPDP as described in Chapter 2.0, and BBC will comply with the standards, procedures, and requirements contained in Appendix B when implementing the Alternatives unless otherwise provided for by the BLM Authorized Officer (AO). Appendix B describes standard practices utilized to mitigate adverse effects caused by surface-disturbing activities.

#### 2.0 STANDARD PRACTICES

The following BMPs/Applicant-Committed Protection Measures (ACEPM) will be applied to all federal lands within the WTPPA by BBC to minimize impacts to the environment. Exception, modification, or waiver of a mitigation requirement may be granted if a thorough analysis by BLM determines that the resource(s) for which the measure was developed will not be impacted by the project activity. Further site-specific mitigation measures may be identified during the application for permit to drill (APD) and/or right-of-way (ROW) application review processes.

#### 2.1 PRECONSTRUCTION PLANNING AND DESIGN MEASURES

- 1. BBC and/or their contractors and subcontractors will conduct all phases of project implementation, including well location, road and pipeline construction, drilling and completion operations, maintenance, reclamation, and abandonment in full compliance with all applicable federal, state, and local laws and regulations and within the guidelines specified in approved APDs and ROW permits. BBC will be held fully accountable for their contractor's and subcontractor's compliance with the requirements of the approved permit and/or plan.
- 2. Implementation of site-specific activities/actions will be contingent on BLM determining that the activity/action complies with the following plans:
  - Surface Use Plan and/or Plan of Development; and
  - Site-specific APD plans/reports (e.g., road and wellpad design plans, cultural clearance, special status plant species clearance, etc.).

The above plans may be prepared by the Companies for the project area or submitted incrementally with each APD, ROW application, or Sundry Notice (SN).

#### 2.2 ROADS

- 1. BBC will construct roads on private surface in a safe and prudent manner to the specifications of landowners.
- 2. Roads on federal surface will be constructed as described in BLM Manual 9113. Where necessary, running surfaces of the roads will be graveled if the base does not already contain sufficient aggregate.
- 3. Existing roads will be used when the alignment is acceptable for the proposed use. Generally, roads will be required to follow natural contours; provide visual screening by constructing curves, etc.; and be reclaimed to BLM standards.
- 4. To control or reduce sediment from roads, guidance involving proper road placement and buffer strips to stream channels, graveling, proper drainage, seasonal closure, and in some cases, redesign or closure of old roads will be developed when necessary. Construction may also be prohibited during periods when soil material is saturated, frozen, or when watershed damage is likely to occur.
- 5. Available topsoil will be stripped from all road corridors prior to commencement of construction activities and will be redistributed and reseeded on backslope areas of the borrow ditch after completion of road construction activities. Borrow ditches will be reseeded in the first appropriate season after initial disturbance.

- 6. On newly constructed roads and permanent roads, the placement of topsoil, seeding, and stabilization will be required on all cut and fill slopes unless conditions prohibit this (e.g., rock). No unnecessary side-casting of material (e.g., maintenance) on steep slopes will be allowed.
- 7. Reclamation of abandoned roads will include requirements for reshaping, recontouring, resurfacing with topsoil, installation of water bars, and seeding on the contour. Road beds, wellpads, and other compacted areas will be ripped to a depth of 1.0 foot on 1.5 feet centers to reduce compaction prior to spreading the topsoil across the disturbed area. Stripped vegetation will be spread over the disturbance for nutrient recycling, where practical. Fertilization or fencing of these disturbances will not normally be required. Additional erosion control measures (e.g., fiber matting) and road barriers to discourage travel may be required. Graveled roads, wellpads, and other sites will be stripped of usable gravel and hauled to new construction sites prior to ripping as deemed necessary by the AO. The removal of structures such as bridges, culverts, cattleguards, and signs will usually be required.
- 8. Main artery roads, regardless of the primary user, will be crowned, ditched, drained, and, if deemed appropriate by the AO, surfaced with gravel.
- 9. Unnecessary topographic alterations will be mitigated by avoiding, where possible, steep slopes, rugged topography, and perennial and ephemeral/intermittent drainages, and by minimizing the area disturbed.
- 10. Upon completion of construction and/or production activities, the Companies will restore, to the extent practicable, the topography to near pre-existing contours at well sites, access roads, pipelines, and other facility sites.
- 11. Existing roads will be used to the maximum extent possible and upgraded as necessary.
- 12. BBC will comply with existing federal, state, and county requirements and restrictions to protect road networks and the traveling public.
- 13. Special arrangements will be made with the Utah Department of Transportation to transport oversize loads to the project area. Otherwise, load limits will be observed at all times to prevent damage to existing road surfaces.
- 14. All development activities along approved ROWs will be restricted to areas authorized in the approved ROW.
- 15. Roads and pipelines will be located adjacent to existing linear facilities wherever practical.
- 16. BBC and/or their contractors will post appropriate warning signs and require project vehicles to adhere to appropriate speed limits on project-required roads, as deemed necessary by the AO.
- 16. BBC will be responsible for necessary preventative and corrective road maintenance for the duration of the project. Maintenance responsibilities may include, but are not limited to, blading, gravel surfacing, cleaning ditches and drainage facilities, dust abatement, noxious weed control, or other requirements as directed by the AO.

#### 2.3 WELLPADS AND FACILITIES

- 1. In conformance with Onshore Oil and Gas Order No. 1, BBC will prepare and submit individual comprehensive drill site design plans for BLM approval. These plans will show the drill location layout over the existing topography; dimensions of the location; volumes and cross sections of cut and fill; location and dimensions of reserve pits; existing drainage patterns; and access road egress and ingress. Plans will be submitted and approved prior to initiation of construction.
- 2. No surface disturbance is recommended on slopes in excess of 25% unless erosion controls can be ensured and adequate revegetation is expected. Engineering proposals and revegetation and restoration plans will be required in these areas.
- 3. Reserve pits will be constructed to ensure protection of surface and ground water. The review to determine the need for installation of lining material will be done on a case-by-case basis and consider soil permeability, water quality, and depth to ground water.
- 4. Reserve pit liners will have a mullen burst strength that is equal to or exceeds 300 pounds, a puncture strength that is equal to or exceeds 160 pounds, and grab tensile strengths that are equal to or exceed 150 pounds. There will be verified test results conducted according to ASTM test standards. The liner will be totally resistant to deterioration by hydrocarbons.
- 5. Produced water from oil and gas operations will be disposed of in accordance with the requirements of Onshore Oil and Gas Order #7.
- 6. Pits will be fenced as specified in individual authorizations. Any pit containing harmful fluids will be maintained in a manner that will prevent migratory bird mortality.
- 7. Disturbances will be managed/reclaimed for zero runoff from the wellpad or other facility until the area is stabilized. All excavations and pits will be closed by backfilling and contouring to conform to surrounding terrain. On wellpads and other facilities, the surface use plan will include objectives for successful reclamation including soil stabilization, plant community composition, and desired vegetation density and diversity.
- 8. On producing wells, BBC will reduce slopes to original contours (not to exceed 3:1 slopes). Areas not used for production purposes will be backfilled and blended into the surrounding terrain, reseeded, and erosion control measures installed. Erosion control measures will be required after slope reduction. Mulching, erosion control measures, and fertilization may be required to achieve acceptable stabilization.
- 9. Abandoned sites will be satisfactorily rehabilitated in accordance with the approved APD.

#### 2.4 PIPELINES

- 1. Pipeline construction methods and practices will be completed in such a manner so as to obtain good reclamation and the re-establishment of the native plant community.
- 2. On ditches exceeding 24 inches in width, 6 to 12 inches of surface soil will be salvaged on the entire right-of-way, where practicable. When pipelines are buried, there will be at least 30 inches of backfill on top of the pipe. Backfill will not extend above the original ground level after the fill has settled. Guides for construction and water bar placement found in "Surface Operating Standards for Oil and

Gas Exploration and Development" (BLM and USFS 1989) will be followed. Bladed surface materials will be re-spread upon the cleared route once construction is completed. Disturbed areas that have been reclaimed will be fenced when the route is near livestock watering areas at the discretion of the AO.

- 3. Pipeline ROWs will be located to minimize soil disturbance to the greatest extent practicable. Mitigation will include locating pipeline ROWs adjacent to access roads to minimize ROW disturbance widths, or routing pipeline ROWs directly to minimize disturbance lengths.
- 4. Existing crowned and ditched roads will be used for access where possible to minimize surface disturbances. Clearing of pipeline ROWs will be accomplished with the least degree of disturbance to topsoil. Where topsoil removal is necessary, it will be stockpiled (windrowed) and re-spread over the disturbed area after construction and backfilling are completed. Vegetation removed from the ROW will also be re-spread to provide protection, nutrient recycling, and a seed source.
- 5. Temporary disturbances which do not require major excavation (e.g., small pipelines) may be stripped of vegetation to ground level using mechanical treatment, leaving topsoil intact and root masses relatively undisturbed.
- 6. To promote soil stability, backfill over the trench will be compacted so as not to extend above the original ground level after the fill has settled. Wheel or other methods of compacting the pipeline trench backfill will occur at two levels to reduce trench settling and water channeling--once after 3 feet of fill has been replaced and once within 6-12 inches of the surface. Water bars, mulching, and terracing will be installed, as needed, to minimize erosion. Instream protection structures (e.g., drop structures) in drainages crossed by a pipeline will be installed at the discretion of the AO to prevent erosion.
- 7. BBC will adhere to the following procedures regarding the installation of pipelines during periods when the earth is frozen.
  - The BLM Price Field Office will be contacted at least 10 days prior to anticipated start of project. The project will not proceed until such time as authorization from BLM has been received by the Companies.
  - A BLM representative will be on the ground at the beginning of construction.
  - Snow, if present, will be removed utilizing a motor grader.
  - Vegetation will be scalped and windrowed to one side of the right-of-way.
  - A wheel trencher will be used to remove approximately 6-8 inches of topsoil from the top of the pipeline ditch and windrow it to one side.
  - A trench approximately 4 feet deep will be dug using a wheel trencher and the soil will be stockpiled to one side, making sure the top soil or spoil do not get mixed together.
  - The pipeline will be installed, the trench backfilled, and the spoil compacted in the trench.
  - Stockpiled topsoil will be placed in the trench and compacted.
  - Scalped vegetation back will be placed back on right-of-way using a motor grader.
  - The entire right-of-way will be reseeded as normal in the spring after the thaw.

These procedures will be incorporated in every Plan of Development where construction in frozen earth is anticipated.

#### 2.5 AIR QUALITY

- 1. BBC will comply with all applicable local, state, and federal air quality laws, statutes, regulations, standards, and implementation plans.
- 2. BBC will obtain all necessary air quality permits from UDAQ to construct, test, and operate facilities.
- 3. All internal combustion equipment will be kept in good working order.
- 4. The Companies will use water at construction sites, as necessary, to abate fugitive dust.
- 5. The Companies will not allow any open burning of garbage or refuse at well sites or other facilities.

#### 2.6 VEGETATION

- 1. Removal and disturbance of vegetation will be kept to a minimum through construction site management (e.g., using previously disturbed areas and existing easements, limiting equipment/materials storage yard and staging area size, etc.).
- 2. Wellpads and associated roads and pipelines will be located to avoid or minimize impacts in areas of high value (e.g., sensitive species habitats, wetland/riparian areas).

#### 2.7 SOILS

- 1. Surface-disturbing activities will be examined on a site-specific basis, evaluating the potential for soil loss and the compatibility of soil properties with project design. Stipulations and mitigating measures will be developed on a case-by-case basis to ensure soil conservation and practical management.
- 2. BBC will restrict construction activities during periods when soils are saturated and excessive rutting (>4 inches with multiple passes) would occur.
- 3. Salvage and subsequent replacement of topsoil will occur for surface-disturbing activities wherever specified by the AO.
- 4. Before a surface-disturbing activity is undertaken, topsoil depth will be determined and the amount of topsoil to be removed, along with topsoil placement areas, will be specified in the authorization. The uniform distribution of topsoil over the area to be reclaimed will occur unless conditions warrant a varying depth. On large surface-disturbing projects topsoil will be stockpiled and seeded to reduce erosion. Where feasible, topsoil stockpiles will be designed to maximize surface area to reduce impacts to soil microorganisms. Areas used for spoil storage will be stripped of topsoil before spoil placement, and the replacement of topsoil after spoil removal will be required.
- 5. BBC will avoid adverse impacts to soils by:
  - minimizing the area of disturbance;
  - avoiding construction with frozen soil materials to the extent practicable;
  - avoiding areas with high erosion potential (e.g., unstable soil, dunal areas, slopes greater than 25%, floodplains), where practicable;
  - salvaging and selectively handling topsoil from disturbed areas;
  - · adequately protecting stockpiled topsoil and replacing it on the surface during reclamation;
  - leaving the soil intact (scalping only) during pipeline construction, where practicable;

- using appropriate erosion and sedimentation control techniques including, but not limited to, diversion terraces, riprap, and matting;
- promptly revegetating disturbed areas using adapted species;
- applying temporary erosion control measures such as temporary vegetation cover, application of mulch, netting, or soil stabilizers; and/or
- constructing barriers, as appropriate, to minimize wind and water erosion and sedimentation prior to vegetation establishment.
- 6. Appropriate erosion control and revegetation measures will be employed. Grading and landscaping will be used to minimize slopes, and water bars will be installed on disturbed slopes in areas with unstable soils where seeding alone may not adequately control erosion. Erosion control efforts will be monitored by the Companies and necessary modifications made to control erosion.
- 7. Sufficient topsoil or other suitable material to facilitate revegetation will be segregated from subsoils during all construction operations requiring excavation and will be returned to the surface upon completion of operations. Soils compacted during construction will be ripped and tilled as necessary prior to reseeding. Cut and fill sections on all roads and along pipelines will be revegetated with native species.
- 8. Any accidental soil contamination by spills of petroleum products or other hazardous materials will be cleaned up by the Companies and the soil disposed of or rehabilitated according to applicable rules.
- 9. BBC will restrict off-road vehicle (ORV) activity by employees and contract workers to the immediate area of authorized activity or existing roads and trails.

#### 2.8 RECLAMATION

- 1. BBC's reclamation goals will emphasize: 1) protection of existing native vegetation; 2) minimal disturbance of the existing environment; 3) soil stabilization through establishment of ground cover; and 4) establishment of native vegetation consistent with land use planning.
- 2. All reclamation will be accomplished as soon as possible after the disturbance occurs with efforts continuing until a satisfactory revegetation cover is established.
- 3. Seed mixtures for reclaimed areas will be site-specific, composed of native species, and will include species promoting soil stability. A pre-disturbance species composition list will be developed if the site includes several different plant communities. Livestock palatability and wildlife habitat needs will be given consideration during seed mix formulation. BLM Manual 1745, Introduction, Transplant, Augmentation, and Reestablishment of Fish, Wildlife, and Plants, and Executive Order No. 11987, Exotic Organisms, will be used as guidance.
- 4. Interseeding, secondary seeding, or staggered seeding may be used to accomplish revegetation objectives. During rehabilitation of areas in important wildlife habitat, provision will be made for the establishment of native browse and forb species. Follow-up seeding or corrective erosion control measures will occur on areas where initial reclamation efforts are unsuccessful.
- 5. Any mulch used by BBC will be weed free and free from mold, fungi, or noxious weed seeds. Mulch may include native hay, small grain straw, wood fiber, live mulch, cotton, jute, synthetic netting, and rock. Straw mulch will contain fibers long enough to facilitate crimping and provide the greatest cover.

- 6. BBC will be responsible for the control of all noxious weed infestations on disturbed surfaces. Aerial application of chemicals will be prohibited within 0.25 mile of special status plant locations, and hand application will be prohibited within 500 feet. Herbicide application will be monitored by the AO.
- 7. Recontouring and seedbed preparation will occur immediately prior to reseeding on the unused portion of wellpads, road ROWs, and entire pipeline ROWs outside of road ROWs. In the event of uneconomical wells, BBC will initiate reclamation of the entire wellpads, access road, and adjacent disturbed habitat as soon as possible. BBC assumes the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which results in the proper reclamation of disturbed lands. BBC will monitor reclamation to determine and ensure successful establishment of vegetation. No consent to termination of any bond will be given by the AO until all the terms and conditions of the approved permit(s) have been met.
- 8. Proper erosion and sediment control structures and techniques will be incorporated by the Companies into the design of wellpads, roads, pipelines, and other facilities. Revegetation using a BLM-approved, locally adapted seed mixture containing native grasses, forbs, and shrubs will begin in the first appropriate season following disturbance. Vegetation removed will be replaced with plants of equal forage value and growth form using procedures that include:
  - fall reseeding (September 15 to freeze-up), where feasible;
  - spring reseeding (April 30 May 31) if fall seeding is not feasible;
  - · deep ripping of compacted soils prior to reseeding;
  - · surface pitting/roughening prior to reseeding;
  - · utilization of native cool season grasses, forbs, and shrubs in the seed mix;
  - interseeding shrubs into an established stand of grasses and forbs at least one year after seeding;
  - appropriate, approved weed control techniques;
  - · broadcast or drill seeding, depending on site conditions; and
  - fencing of certain sensitive reclamation sites (e.g., riparian areas, steep slopes, and areas within 0.5 mile of livestock watering facilities) as determined necessary through monitoring.
- 9. BBC will monitor noxious weed occurrence on the project area and implement a noxious weed control program in cooperation with BLM. Weed-free certification by county extension agents will be required for grain or straw used for mulching revegetated areas.

#### 2.9 CANDIDATE PLANTS/SPECIAL STATUS PLANTS

- 1. Herbicide applications will be kept at least 500 feet from known special status plant species populations or other distances deemed safe by the AO.
- 2. Wellpads and associated roads and pipelines will be located to avoid or minimize impacts to areas of high value (e.g., special status plant species habitats, wetland/riparian areas).

#### 2.10 WATERSHEDS

1. Crossings of ephemeral, intermittent, and perennial streams associated with road and utility line construction will generally be restricted until normal flows are established after spring runoff.

## 2.11 GEOLOGICAL/PALEONTOLOGICAL RESOURCES

- 1. Wells, pipelines, and ancillary facilities will be designed and constructed such that they will not be damaged by moderate earthquakes. Any facilities defined as critical according to the Uniform Building Code will be constructed in accordance with applicable Uniform Building Code Standards for Seismic Risk Zone 2B.
- 2. If paleontological resources are uncovered during surface-disturbing activities, BBC will suspend operations at the site that will further disturb such materials and immediately contact the AO, who will arrange for a determination of significance, and, if necessary, recommend a recovery or avoidance plan.

#### 2.12 CULTURAL/HISTORICAL RESOURCES

- 1. BBC will follow the cultural resources and recovery plan for the project.
- 2. If cultural resources are located within frozen soils or sediments that preclude the possibility of adequately recording or evaluating the find, construction work will cease and the site will be protected for the duration of frozen soil conditions. Recordation, evaluation and recommendations concerning further management will be made to the AO following natural thaw. The AO will consult with the affected parties and construction work will resume once management of the threatened site has been finalized and the Notice to Proceed has been issued.
- 3. BBC will inform their employees, contractors and subcontractors about relevant federal regulations intended to protect archaeological and cultural resources. All personnel will be informed that collecting artifacts, including arrowheads, is a violation of federal law and that employees engaged in this activity may be subject to disciplinary action.

#### 2.13 WATER RESOURCES

- 1. BBC will maintain a complete copy of the SPCC Plan at each facility if the facility is normally attended at least 8 hours per day, or at the nearest field office if the facility is not so attended (40 CFR 112.3(e)).
- 2. BBC will implement and adhere to SPCC Plans in a manner such that any spill or accidental discharge of oil will be remediated. An orientation will be conducted by the Companies to ensure that project personnel are aware of the potential impacts that can result from accidental spills, as well as the appropriate recourse if a spill does occur. Where applicable and/or required by law, streams at pipeline crossings will be protected from contamination by pipeline shutoff valves or other systems capable of minimizing accidental discharge.
- 3. If reserve pit leakage is detected, operations at the site will be curtailed, as directed by the BLM, until the leakage is corrected.
- 4. BBC will case and cement all gas wells to protect subsurface mineral and freshwater zones. Unproductive wells and wells that have completed their intended purpose will be properly abandoned and plugged using procedures identified by BLM (federal mineral estate) and/or WOGCC (state and fee mineral estate).

- 5. All water used in association with this project will be obtained from sources previously approved by the Utah State Engineer's Office.
- 6. Erosion-prone or high salinity areas will be avoided where practicable. Necessary construction in these areas will be timed to avoid periods of greatest runoff.
- 7. BBC will incorporate proper containment of condensate and produced water in tanks and drilling fluids in reserve pits, and will locate staging areas for storage of equipment away from drainages to prevent contaminants from entering surface waters.
- 8. Prudent use of erosion control measures, including diversion terraces, riprap, matting, temporary sediment traps, and water bars will be employed by the Companies as necessary. These erosion control measures will be used as appropriate to control surface runoff generated at wellpads. The type and location of sediment control structures, including construction methods, will be described in APD and ROW plans. If necessary, BBC may treat diverted water in detention ponds prior to release to meet applicable state or federal standards.
- 9. BBC will construct channel crossings by pipelines so that the pipe is buried at least 3 feet below the channel bottom.
- 10. Streams/channels crossed by roads will have culverts installed at all appropriate locations as specified in the BLM Manual 9112-Bridges and Major Culverts and Manual 9113-Roads. Streams will be crossed perpendicular to flow, where possible, and all stream crossing structures will be designed to carry the 25-year discharge event or other capacities as directed by the AO.
- 11. BBC will reshape disturbed channel beds to their approximate original configuration.
- 12. The disposal of all hydrostatic test water will be done in conformance with BLM Onshore Oil and Gas Order No. 7. BBC will comply with state and federal regulations for water discharged into an established drainage channel. The rate of discharge will not exceed the capacity of the channel to convey the increased flow. Waters that do not meet applicable state or federal standards will be evaporated, treated, or disposed of at an approved disposal facility.
- 13. BBC will prepare Storm Water Pollution Prevention Plans (SWPPPs) as required by WDEQ National Pollution Discharge Elimination System (NPDES) permit requirements on individual disturbances that exceed 5 acres in size or as required by future changes in regulations.
- 14. Any disturbances to wetlands and/or waters of the U.S. will be coordinated with the COE, and 404 permits will be secured as necessary prior to disturbance.
- 15. Where disturbance of wetlands, riparian areas, streams, or ephemeral/intermittent stream channels cannot be avoided, COE Section 404 permits will be obtained by BBC as required, and, in addition to applicable above-listed measures, the following measures will be applied where appropriate:
  - wetland areas will be crossed during dry conditions (i.e., late summer, fall, or dry winters);
  - streams, wetlands, and riparian areas disturbed during project construction will be restored to as
    near re-project conditions as practical and, if impermeable soils contributed to wetland formation,
    soils will be compacted to reestablish impermeability;
  - wetland topsoil will be selectively handled;
  - · disturbed areas will be recontoured and BLM-approved species will be used for reclamation; and

 reclamation activities will begin on disturbed wetlands immediately after completion of project activities.

#### **2.14 NOISE**

1. All engines required for project activities will be properly muffled and maintained in accordance with state and federal laws.

## 2.15 WILDLIFE, FISHERIES, AND THREATENED AND ENDANGERED (T&E) SPECIES

- 1. To minimize wildlife mortality due to vehicle collisions, BBC will advise project personnel regarding appropriate speed limits in the project area. Roads no longer required for operations will be reclaimed as soon as possible. Potential increases in poaching will be minimized through employee and contractor education regarding wildlife laws. If wildlife law violations are discovered, the offending employee will be subject to disciplinary action by BBC.
- 2. BBC will protect (e.g., fence or net) reserve, workover, and production pits potentially hazardous to prohibit wildlife access as directed by BLM.
- 3. BBC will utilize wildlife-proof fencing on reclaimed areas in accordance with standards specified in BLM Handbook 1741-1, *Fencing*, if it is determined that wildlife are interfering with successful reestablishment of vegetation.
- 4. Consultation and coordination with USFWS and UDWR will be conducted for all mitigation activities relating to raptors and T&E species and their habitats, and all permits required for movement, removal, and/or establishment of raptor nests will be obtained.
- 5. BBC will adhere to all survey, mitigation, and monitoring requirements identified in the Biological Assessment prepared for this project.

#### 2.16 LIVESTOCK/GRAZING MANAGEMENT

- 1. BBC will reclaim nonessential areas disturbed during construction activities in the first appropriate season after well completion.
- 2. Nonessential areas include portions of the wellpads not needed for production operations, the borrow ditch and outslope portions of new road ROWs, entire pipeline ROWs outside of road ROWs, and all roads and associated disturbed areas at nonproductive wells.
- 3. BBC will repair or replace fences, cattleguards, gates, drift fences, and natural barriers to current BLM standards. Cattleguards will be used instead of gates for livestock control on most road ROWs. Livestock will be protected from pipeline trenches, and livestock access to existing water sources will be maintained.
- 4. BBC will review livestock impacts from roads or disturbance from construction and drilling activities at least annually with livestock permittees and BLM. Appropriate measures will be taken to correct any adverse impacts, should they occur.

#### 2.17 RECREATION

- 1. BBC will instruct employees, contractors, and subcontractors that camp sites on federal lands or at federal recreation sites must not be occupied for more than 14 consecutive days.
- 2. BBC will require that employees, contractors, and subcontractors abide by all state and federal laws and regulations regarding hunting.

#### 2.18 VISUAL RESOURCES

- 1. Pipeline ROWs will be located within existing ROWs whenever possible, and aboveground facilities not requiring safety coloration will be painted with appropriate nonreflective standard environmental colors (Carlsbad Canyon or Desert Brown, or other specified standard environmental colors) as determined by the AO. Topographic screening, vegetation manipulation, project scheduling, and traffic control procedures may all be employed, as practicable, to further reduce visual impacts.
- 2. Within VRM Class II areas, BBC will utilize existing topography to screen roads, pipeline corridors, drill rigs, wells, and production facilities from view where practicable. The Companies will paint all aboveground production facilities with appropriate colors (e.g., Carlsbad Canyon or Desert Brown) to blend with adjacent terrain, except for structures that require safety coloration in accordance with OSHA requirements.

#### 2.19 HEALTH AND SAFETY/HAZARDOUS MATERIALS

- 1. BBC will utilize BLM-approved portable sanitation facilities at drill sites; place warning signs near hazardous areas and along roadways; place dumpsters at each construction site to collect and store garbage and refuse; ensure that all refuse and garbage is transported to a State-approved sanitary landfill for disposal; and institute a Hazard Communication Program for its employees and require subcontractor programs in accordance with OSHA (29 CFR 1910.1200).
- 2. In accordance with 29 CFR 1910.1200, a Material Safety Data Sheet for every chemical or hazardous material brought on-site will be kept on file BBC's field offices.
- 3. Chemicals and hazardous materials will be inventoried and reported by BBC in accordance with the SARA Title III (40 CFR 335). If quantities exceeding 10,000 pounds or the threshold planning quantity are to be produced or stored, BBC will submit appropriate Section 311 and 312 forms at the required times to the State and County Emergency Management Coordinators and the local fire departments.
- 4. BBC will transport and/or dispose of any hazardous wastes, as defined by the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, in accordance with all applicable federal, state, and local regulations.
- 5. BBC commits to the following practices regarding hazardous material containment.
  - All storage tank batteries that contain any oil, glycol, produced water, or other fluid which may
    constitute a hazard to public health or safety will be surrounded by a secondary means of
    containment for the entire contents of the largest single tank in use plus freeboard for
    precipitation, or to contain 110% of the capacity of the largest vessel. The appropriate
    containment and/or diversionary structures or equipment, including walls and floor, will contain

any oil, glycol or produced water and shall be constructed so that any discharge from a primary containment system, such as a tank or pipe, will not drain, infiltrate, or otherwise escape to ground or surface waters before cleanup is completed.

- Treaters, dehydrators and other production facilities that have the potential to leak or spill oil, glycol, produced water, or other fluid which may constitute a hazard to public health or safety, shall be placed on or within appropriate containment and/or diversionary structure to prevent spilled or leaking fluid from reaching ground or surface waters. The appropriate containment and/or diversionary structure will be sufficiently impervious to oil, glycol, produced water, or other fluid and will be installed so that any spill or leakage will not drain, infiltrate, or otherwise escape to ground or surface waters prior to completion of cleanup.
- Notice of any spill or leakage, as defined in BLM NTL 3A, will be immediately reported to the AO by the Companies as well as to such other federal and state officials as required by law. Oral notice will be given as soon as possible, but within no more than 24 hours, and those oral notices will be confirmed in writing within 72 hours of any such occurrence.

#### C. REQUIRED APPROVALS, REPORTS AND NOTIFICATIONS

Required verbal notifications are summarized in Table 1, attached.

<u>Building Location</u>- Contact the BLM Price Field Office, Natural Resource Protection Specialist at least 48-hours prior to commencing construction of location.

<u>Spud</u>- The spud date will be reported to BLM 24-hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the Moab Field Office within 24-hours after spudding, regardless of whether spud was made with a dry hole digger or big rig.

<u>Drilling Reports</u>- Daily drilling reports shall detail the progress and status of the well and shall be submitted to the Moab Field Office on a weekly basis.

Monthly Reports of Operations- In accordance with Onshore Oil and Gas Order No. 1, this well shall be reported on Minerals Management Service (MMS) Form 3160, "Monthly Report of Operations," starting the month in which operations commence and continuing each month until the well is physically plugged and abandoned. This report will be filed directly with MMS.

<u>Sundry Notices</u>- There will be no deviation from the proposed drilling and/or workover program without prior approval. "Sundry Notices and Reports on Wells" (Form 3160-5) will be filed with the Moab Field Office for approval of all changes of plans and subsequent operations in accordance with 43 CFR 3162.3-2. Safe drilling and operating practices must be observed.

<u>Drilling Suspensions</u>- Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Moab Field Office. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.

<u>Undesirable Events</u>- Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be immediately reported to the BLM in accordance with requirements of NTL-3A.

<u>Cultural Resources</u>- If cultural resources are discovered during construction, work that might disturb the resources is to stop, and the Price Field Office is to be notified.

<u>First Production</u>- Should the well be successfully completed for production, the Moab Field Office will be notified when the well is placed in producing status. Such notification may be made by phone, but must be followed by a sundry notice or letter not later than five business days following the date on which the well is placed into production.

A first production conference will be scheduled as soon as the productivity of the well is apparent. This conference should be coordinated through the Moab Field Office. The Moab Field Office shall be notified prior to the first sale.

Well Completion Report- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted to the Moab Field Office not later than thirty-days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. When requested, samples (cuttings and/or samples) will be submitted to the Moab Field Office.

<u>Venting/Flaring of Gas</u>- Gas produced from this well may not be vented/flared beyond an initial, authorized test period of 30 days or 50 MMcf, whichever first occurs, without the prior, written approval of the Moab Field Office. Should gas be vented or flared without approval beyond the authorized test period, the well may be ordered shut-in until the gas can be captured or approval to continue the venting/flaring as uneconomic is granted. In such case, compensation to the lessor (BLM) shall be required for that portion of the gas that is vented/flared without approval and which is determined to have been avoidably lost.

<u>Produced Water</u>- An application for approval of a permanent disposal method and location will be submitted to the Moab Field Office for approval pursuant to Onshore Oil and Gas Order No.7.

Off-Lease Measurement, Storage, Commingling- Prior approval must be obtained from the Moab Field Office for off-lease measurement, off-lease storage and/or commingling (either down-hole or at the surface).

<u>Plugging and Abandonment-</u> If the well is completed as a dry hole, plugging instructions must be obtained from the Moab Field Office prior to initiating plugging operations.

A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the Moab Field Office within thirty-days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Price Field Office or the appropriate surface managing agency.

#### TABLE 1

#### **NOTIFICATIONS**

Notify Don Stephens (435-636-3608) of the BLM Price Field Office for the following:

- 2 days prior to commencement of dirt work, construction and reclamation;
- 1 day prior to spudding;
- 50 feet prior to reaching the surface casing setting depth;
- 3 hours prior to testing BOP equipment.

If the person at the above number cannot be reached, notify the Moab Field Office at 435-259-2100. If unsuccessful, contact the person listed below.

Well abandonment operations require 24 hour advance notice and prior approval. In the case of newly drilled dry holes, verbal approval can be obtained by calling the Moab Field Office at 435-259-2100. If approval is needed after work hours, you may contact the following:

Eric Jones, Petroleum Engineer

Office: 435-259-2117

Home: 435-259-2214

### **DIVISION OF OIL, GAS AND MINING**

#### **SPUDDING INFORMATION**

Name of Co	ompany:	BII	<u>L BAR</u>	RET'I	CORPO	OATION	
Well Name		PE	TERS P	OINT	U FED 1	6-16D-13-17	
Api No <u>:</u>	43-007-31	004	Leas	ве Тур	e:	FEDERAL	
Section_06	_Township_	13S Ra	inge <u>1</u>	7E	County	CARBON	
Drilling Con	ntractor	PETE	<u>MARTI</u>	N'S	RIC	G# <u>BUCKET</u>	
SPUDDE	ED:						
	Date	04/29/0	5	<del></del>			
	Time	NOON					
	How	DRY		<u> </u>			
Drilling w	vill Comme	ence:				<del>.</del>	
Reported by	<i></i>	JACK	FINDL	EY			
Telephone #	<u> </u>	1-435-7	<u> 190-534</u> 0	) OR 2	<u>254-204-5</u>	504	
Date(	04/29/2005	Sig	ned		CHD	<u> </u>	

## STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING



#### **ENTITY ACTION FORM**

Operator:

Bill Barrett Corporation

Operator Account Number: N 2/65

Address:

1099 18th Street, Suite 2300

city Denver

zip 80202 state CO

Phone Number: (303) 312-8168

Vell 1		(Lana	QQ	Sec	Twp	Rng	County
<b>API Number</b> 4300731004	Well Name Peters Point Unit Fed 16-6D-13-17		NESW	6	13S	17E	Carbon
Action Code	Current Entity Number	New Entity Number	S	Spud Date			ty Assignment ffective Date
B	99999	2470		4/29/200	)5	5	15/05

Comments:

CSLGT = MURD = WSMVD

CONFIDENTIAL

			Rng	County
	Spud Date		Entity Assignment Effective Date	
<u> </u>			<u></u>	
		Spud Dat	Spud Date	Spud Date Entil Ef

II 3 API Number	Well Name			Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number		Spud Date		Entity Assignment Effective Date	
omments:				<del></del>			

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Tracey Fallang

Name (Please Print)

Signature Permit Analysia

4/29/2005

Title

(5/2000)

DIV. OF OIL. GAS & MINING

01

Form 3160-5 (February 2005)  DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT  SUNDRY NOTICES AND REPORTS ON WELLS					FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007  5. Lease Serial No. UTU 0744		
SUB	MIT IN TR	PLICATE- Other instr	uctions on rever	se side.		CA/Agreement, Name and/or No.	
	Well _	Gas Well Other	CONFID		PETER'S PONT UNIT  8. Well Name and No.		
2. Name of Operator	BILL BARR	ETT CORPORATION			9. API Wel	Point Unit #16-6D-13-17   No.	
3a Address	Suite 2300 D	enver, CO 80202	3b. Phone No. (include 303-312-8168	area code)	4300731		
		T., R., M., or Survey Description)	303-312-0106			Pool, or Exploratory Area Point/Exploratory	
700' FNL, 2439'	FWL, Lot 3, N	NESW, Sec. 6-T13S-R17E (SH	L)		11. County o	r Parish, State	
					Carbon,	UT	
12.	CHECK AF	PROPRIATE BOX(ES) TO	INDICATE NATUR	E OF NOTICE, R	EPORT, OR	OTHER DATA	
TYPE OF SUB	MISSION		TYF	E OF ACTION			
Notice of Inter		Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construction	Production (Statement   Reclamation   Recomplete	rt/Resume)	Water Shut-Off Well Integrity  Other Weekly Activity	
Final Abandon	·	Change Plans	Plug and Abandon	Temporarily Ab	andon	Reports	
		Convert to Injection	Plug Back	Water Disposal			
If the proposal in Attach the Bond following computesting has been	is to deepen direct d under which the eletion of the inverse completed. Fin	ctionally or recomplete horizontally e work will be performed or provice	r, give subsurface location le the Bond No. on file w esults in a multiple comp	is and measured and tru rith BLM/BIA. Require letion or recompletion is	e vertical depths ed subsequent rep n a new interval,	a Form 3160-4 must be filed once	
WEEKLY D	RILLING AC	TIVITY REPORT FROM 05.	/06/05 - 05/08/05.	•			
			•				

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	<del></del>	140				
Tracey Fallang	Title	Permit Analyst				
Signature Marcel Fallques	Date	0	05/09/2005			
THIS SPACE FOR FEDERAL OR STATE OFFICE USE						
J						
Approved by		Title		Date		
Conditions of approval, if any, are attached. Approval of this notice does not warrar certify that the applicant holds legal or equitable title to those rights in the subject leg which would entitle the applicant to conduct operations thereon.		Office				
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any States any false, fictitious or fraudulent statements or representations as to anymatter	person within	knowingly and willfully tits jurisdiction.	to make to an	ny department or a RECEIVED		

(Instructions on page 2)

MAY 1 1 2005



Weil: Peter's Point #16-6D-13-17

API#: 43-007-31004

Operations Date: 5/8/2005

Surface Location: NWSE-6-13S-17 E 26th PM

Area: Nine Mile Canyon

Report #:

3

Spud Date:

Days From Spud:

Depth At 06:00:

Morning Operations: finish setting rig in,

Estimated Total Depth:

8681

Time To

Description

6:00:00 AM

set rig in

The second secon

Remarks:

RIG 136 HAS 1186 DAYS NO LTA SAFETY MEETING: overhead loads 10 trucks on location at noon(5/6/05) TRUCKS BRINGING 1 LOAD DAILY should have crain work done 2 bed trucks on location f/ rig up

derrick on floor no blocks strung pits & pumps in, mud cleaners in

no other back yard in

Well: Peter's Point #16-6D-13-17

API#: 43-007-31004

Operations Date: 5/7/2005

Surface Location: NWSE-6-13S-17 E 26th PM

Report #:

Spud Date:

Days From Spud:

Area: Nine Mile Canyon

Depth At 06:00:

0

Morning Operations: RIG UP

Estimated Total Depth:

8681

Remarks:

RIG 136 HAS 1185 DAYS NO LTA

SAFETY MEETING: DRIVING SPEEDS IN CANYON

8 trucks on location at noon(5/6/05)

TRUCKS BRINGING 1 LOAD DAILY

Well: Peter's Point #16-6D-13-17

SET SUB DRAWTOOL, ROTARY TABLE

API#: 43-007-31004

Operations Date: 5/6/2005

Surface Location: NWSE-6-13S-17 E 26th PM

Area: Nine Mile Canyon

Report #:

Spud Date:

Days From Spud:

Depth At 06:00:

40

Estimated Total Depth:

8681

Time To

Time To

6:00:00 AM

Description

Morning Operations: rig up on peters pt 16-6d

Description

6:00:00 AM

pin derrick together, start setting sub

Remarks:

RIG 136 HAS 1184 DAYS NO LTA SAFETY MEETING: CHOKER LINES 14 trucks on location at noon(5/6/05)

crain the nite before

1 bed truck and crain to rig up with 1/2 day

Form 3160-5 (February 2005)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

į.	Lease Serial No.	
	HTH 0744	

6.	If Indian, Allottee or Tribe Name

Do not use this form for proposals to drill or abandoned well. Use Form 3160-3 (APD) for s	
1099 18th Street, Suite 2300, Denver, CO 80202 303-312-8 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 700' FNL, 2439' FWL, Lot 3, NESW, Sec. 6-T13S-R17E (SHL)	PETER'S PONT UNIT  8. Well Name and No. Peter's Point Unit #16-6D-13-17  9. API Well No. 4300731004  10. Field and Pool, or Exploratory Area Peter's Point/Exploratory  11. County or Parish, State  Carbon, UT
12. CHECK APPROPRIATE BOX(ES) TO INDICATE	· · · · · · · · · · · · · · · · · · ·
If the proposal is to deepen directionally or recomplete horizontally, give subsurfa Attach the Bond under which the work will be performed or provide the Bond No following completion of the involved operations. If the operation results in a mul	Struction Abandon Temporarily Abandon Reports    Weekly Activity Reports   Weekly Activity Reports
14. I hereby certify that the foregoing is true and correct Name ( <i>Printed/Typed</i> )  Matt Barber	Title Contract Permit Analyst for the Bill Barrett Corp.
Signature Matt Barber	Date 05/17/2005

Office which would entitle the applicant to conduct operations thereon. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency. The Early States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Title

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

(Instructions on page 2)

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease

MAY 2 0 2005

Date



Well: Peter's Point #16-6D-13-17

API#: 43-007-31004

Operations Date: 5/15/2005

Surface Location: NESW-6-13S-17 E 26th PM

Area: Nine Mile Canyon

Report #:

Spud Date: 5/10/2005

Depth At 06:00:

3669

Morning Operations: DIRECTIONAL DRILLING

Days From Spud: 5

Estimated Total Depth:

8681

Time To

Description

drill &slide 15' every 30', f 2790" to 3050'

1:00:00 PM 1:30:00 PM

ria service

6:00:00 AM

drill & slide 15' every 60', with 60 survey, drill from 3050' to 3669'

Remarks:

RIG 136 HAS 1191 DAYS NO LTA SAFETY MEETING: mixing mud

daily water=500

total water=3200 daily motor hrs= 23.5

total motor hrs=44.5 (6184)

7-8"dc,1-8"mtr,2-6.25"mtr, 21-6.25dc,354-4.5dp

on location

Well: Peter's Point #16-6D-13-17

API#: 43-007-31004

Operations Date: 5/14/2005

Surface Location: NESW-6-13S-17 E 26th PM

Area: Nine Mile Canyon

Report #:

Depth At 06:00:

2764

Spud Date: 5/10/2005

Days From Spud:

Estimated Total Depth:

8681

Morning Operations: directional drilling

Remarks:

RIG 136 HAS 1191 DAYS NO LTA SAFETY MEETING: mixing mud

daily water=640 total water=2700 daily motor hrs= 21 total motor hrs=21 (6184)

Time To

Description

8:30:00 AM

pooh, p/u dir tools,mtr,tih

12:00:00 PM

dir drill & slide to build angle,1050' to 1263'

12:30:00 PM ria service

6:00:00 AM drill &slide 15' every 60',1263' to 2764'

API#: 43-007-31004

Operations Date: 5/13/2005

Well: Peter's Point #16-6D-13-17

8

Surface Location: NESW-6-13S-17 E 26th PM

Area: Nine Mile Canyon

Report #:

Spud Date: 5/10/2005

Days From Spud: 3

Depth At 06:00:

Estimated Total Depth:

1021 8681

Morning Operations: drilling shoe conventional

Remarks:

RIG 136 HAS 1190 DAYS NO LTA SAFETY MEETING: tripping bha

daily water=660 total water=2060 daily motor hrs= total motor hrs=

getting metal over shaker trying to dril with 1.5

angel mtr in casing, stand back mtr

dril out shoe conventional

when in open hole, pooh pick up bent mtr & dir drilling tools

Time To

Description

1:30:00 PM

nipple up bop

8:00:00 PM

test bop

10:30:00 PM

p/u bit #2,dir drlg tools ,tih

12:30:00 AM

break circ, drill float & cement

1:30:00 AM

pooh stnd back dir tools ,mtr,bit new..

3:00:00 AM 6:00:00 AM trip in without mtr to drill out shoe drill cmt & shoe f/ 1005 to 1050'



Well: Peter's Point #16-6D-13-17

API#: 43-007-31004

Operations Date: 5/12/2005

Surface Location: NESW-6-13S-17 E 26th PM

Area: Nine Mile Canyon

Spud Date: 5/10/2005

Report #:

Days From Spud: 2

Depth At 06:00: Estimated Total Depth: 1038 8681

Morning Operations: nipple up bop

RIG 136 HAS 1189 DAYS NO LTA SAFETY MEETING: running casing

daily water=660 total water=2060

shoe depth @ 1031'

insert float @988' float did hold

Remarks:

daily water=1400

total water=3800

daily motor hrs=9 total motor hrs=9 (8016)

e-z mud on conn

Remarks:

daily motor hrs=6.5

total motor hrs=15.5 (8016)

11:00:00 AM

lubricate rig

Description

drill f / 650' to 844'

survey @ 802 = 1/2

drill f / 844' to 874'

1:30:00 PM

Time To

9:30:00 AM

10:00:00 AM

10:30:00 AM

drill f/874' to 1038' pump sweeps, circ & cond for casing run

2:30:00 PM

4:00:00 PM

pooh,laydown 8" dc mtr ,12.25 bit

9:00:00 PM

run casing,circ,cement

1:00:00 AM

wait on cement

6:00:00 AM

weld on 11" 5000psi, N U bop,

API#: 43-007-31004

Operations Date: 5/11/2005

Well : Peter's Point #16-6D-13-17 Surface Location: NESW-6-13S-17 E 26th PM

Area: Nine Mile Canyon

Report #:

Spud Date: 5/10/2005

Days From Spud:

Depth At 06:00:

RIG 136 HAS 1188 DAYS NO LTA

SAFETY MEETING: picking up dc

start dayrate @ 20:00 hrs 5/10/05 not circulating res,pit closed in w// sweeps

Estimated Total Depth:

650 8681

Morning Operations: DRILLING SURFACE

Time To

Description

8:00:00 PM

rig up, weld conductor, pre spud inspection

12:30:00 AM

drill f /50 ' to327'

1:00:00 AM

survey @ 240 =1

4:30:00 AM

drill f / 327 - 580' survey @ 517' =3/4

5:00:00 AM 6:00:00 AM

drill f 580' to 650'

API#: 43-007-31004

Operations Date: 5/10/2005

Surface Location: NESW-6-13S-17 E 26th PM

Well: Peter's Point #16-6D-13-17

Spud Date: 5/10/2005

Days From Spud:

Area: Nine Mile Canyon

Report #:

Depth At 06:00:

Estimated Total Depth:

500

8681

Morning Operations: RIGGING UP

Remarks:

RIG 136 HAS 1187 DAYS NO LTA

SAFETY MEETING: safe forklift operations rig on location at 14:00 hrs, tubulars here till 22:00 hr raised derrick 15:30 hr,rig up some floorplates

back vard and pits break tour this morning

CONTACTED CAROL DANIELS (STATE O & G) IN PERSON ON PHONE WITH SPUD NOTICE(5/9/05) 10:00 AM

CONTACTED DON STEPHEN AT PRICE BLM LEFT MESSAGE WITH SPUD NOTICE(5/9/05)

10:15 AM

Time To

Description

6:00:00 AM

ria up



Well: Peter's Point #16-6D-13-17

Surface Location: NESW-6-13S-17 E 26th PM

Spud Date: 5/10/2005

Description

rig up

Morning Operations: rig up

Time To

6:00:00 AM

Days From Spud:

0

Operations Date: 5/9/2005

Report #:

ŀ

Area: Nine Mile Canyon

API#: 43-007-31004

Depth At 06:00:

0

Estimated Total Depth:

8681

Remarks:

RIG 136 HAS 1187 DAYS NO LTA

SAFETY MEETING: floor plates and handrails

released crain from location 1400 hrs

rig finally here and set in

a few loads of tubulars left to haul down

will be stringing up blocks, raising derrick this morning

finish rig up

Report By Wellcore

May 18, 2005 09:32 AM

Form 3160-5 (February 2005)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

5.	Lease Serial No. UTU 0744	
6.	If Indian, Allottee or Tribe Name	

SUNDRY	NOTICES AND RE	PORTS ON W	ELLS	UTU 07	44
Do not use t	his form for proposals rell. Use Form 3160 - 3	to drill or to re	e-enter an	6. If Indian	Allottee or Tribe Name
SUBMITINTR	7. If Unit or CA/Agreement, Name and/or N				
l. Type of Well Oil Well	Gas Well Other	COME		8. Well Nan	ne and No.
2. Name of Operator BILL BARK	ETT CORPORATION		tuliviini.	<del> </del>	Point Unit #16-6D-13-17
3a Address 1099 18th Street, Suite 2300, I		3b. Phone No. (incl 303-312-8512	ude area code)	4300731	1004
4. Location of Well (Footage, Sec.,		000000000000000000000000000000000000000			l Pool, or Exploratory Area Point/Exploratory
700' FNL, 2439' FWL, Lot 3,	NESW, Sec. 6-T13S-R17E (SI	HL)		11. County of Carbon	or Parish, State , UT
12. CHECK A	PPROPRIATE BOX(ES) TO	INDICATE NAT	URE OF NOTICE,	REPORT, OR	OTHER DATA
TYPE OF SUBMISSION		Т	YPE OF ACTION		
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production (S	tart/Resume)	Water Shut-Off Well Integrity Other Weekly Activity
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandor		bandon	Reports
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposa		
determined that the site is ready WEEKLY DRILLING AC	CTIVITY REPORT FROM 0				
14. Thereby certify that the fore Name (Printed/Typed)	going is true and correct				
Matt Barber		Title	Contract Permit Ana	yst for the Bill	Barrett Corp.
Signature Matt	Barber	Date		05/23/2005	
	THIS SPACE FOR I	FEDERAL OR	STATE OFFICE	USE	
Approved by			Title	Da	te
Conditions of approval, if any, are a certify that the applicant holds legal which would entitle the applicant to	or equitable title to those rights i conduct operations thereon.	n the subject lease	Office		
Title 18 U.S.C. Section 1001 and Title States any false, fictitious or fraudule	43 U.S.C. Section 1212, make it a ent statements or representations	crime for any person as to anymatter within	knowingly and willfully its jurisdiction.	to make to any o	department or agency of the United

(Instructions on page 2)

RECEIVED

MAY 2 5 2005



Well: Peter's Point #16-6D-13-17

API#: 43-007-31004

Operations Date: 5/22/2005

Surface Location: NESW-6-13S-17 E 26th PM

Area: Nine Mile Canvon

Report #: 17

Spud Date: 5/10/2005

Days From Spud: 12

drill & slide,f/6620' to 6649', slide 10' every 30' to drop angle 2 deg /

Days From Spud:

Depth At 06:00:

6820

Morning Operations: dir drilling

Estimated Total Depth:

8681

Time To

Description trip in hole

100'

RIG 136 HAS 1198 DAYS NO LTA SAFETY MEETING: hi pressure lines

daily water=300 total water=4710 daily motor hrs=21

total motor hrs=41.5 (6101) ,127 (6184) 7-8"dc,1-8"mtr,2-6.25"mtr, 21-6.25dc,354-4.5dp

on location....

Remarks:

slow drop angle, with hard slides

10' slides every 30'

12:00:00 PM

8:30:00 AM

12:30:00 PM rig service

6:00:00 AM

drill & slide,f/ 6649' to 6820

Well: Peter's Point #16-6D-13-17

API #: 43-007-31004

Operations Date: 5/21/2005

Surface Location: NESW-6-13S-17 E 26th PM

Area: Nine Mile Canyon

Report #: 16

Depth At 06:00:

6620

Spud Date: 5/10/2005

Estimated Total Depth:

8681

Morning Operations: TRIP IN WITH BIT #5

Remarks:

RIG 136 HAS 1197 DAYS NO LTA SAFETY MEETING :electrical service

daily water=300 total water=4710 daily motor hrs=14.5

total motor hrs=20.5 (6101) .127 (6184) 7-8"dc,1-8"mtr,2-6.25"mtr, 21-6.25dc,354-4.5dp

on location.....

Time To 12:30:00 PM Description

1:00:00 PM

drill & slide, f/6369' to 6523 rig service

9:00:00 PM 2:30:00 AM

drill & slide ,f/ 6523' to 6620' check flow, pump pill, pooh w bit#4

6:00:00 AM

check mtr,change bit ,check mwd,change lec,head,program mwd,tih

w/bit#5

API#: 43-007-31004

Operations Date: 5/20/2005

Surface Location: NESW-6-13S-17 E 26th PM

Area: Nine Mile Canyon

Report #: 15

Spud Date: 5/10/2005

Days From Spud: 10 Depth At 06:00:

6367

Estimated Total Depth:

8681

Morning Operations: DIRECTIONAL DRILL

Well: Peter's Point #16-6D-13-17

Remarks:

RIG 136 HAS 1196 DAYS NO LTA SAFETY MEETING :working tight hole

daily water=240 total water=4170

daily motor hrs=6 total motor hrs=6 (6101)

127 (6184) 7-8"dc,1-8"mtr,2-6.25"mtr, 21-6.25dc,354-4.5dp

on location

bit #3 was rung out on shoulder area

considerable reaming getting back to bottom after a 7 hr delay ,waiting on a mtr f/ vernal

Time To

Description

12:30:00 PM

wait on mud mtr f / vernal

2:30:00 PM

check dir tools ,tih

4:00:00 PM

wash & ream .f/ 2050' to 2611'

7:00:00 PM

tih. to 3650'

8:00:00 PM

wash & ream ,f/ 3650' to 4100'

9:00:00 PM

tih to 6005'

10:00:00 PM 10:30:00 AM

w & ream 6005' to 6103

wash & ream 6125' to 6288'

trip in to 6125"

12:00:00 PM 6:00:00 AM

drill & slide

Report By Wellcore

May 23, 2005 11:57 AM



Well: Peter's Point #16-6D-13-17

API #: 43-007-31004

Operations Date: 5/19/2005

Surface Location: NESW-6-13S-17 E 26th PM

Area: Nine Mile Canyon

Report #: 14

Spud Date: 5/10/2005

Days From Spud:

9

Depth At 06:00:

6288

Morning Operations: WAIT ON MUD MTR

Estimated Total Depth:

8681

Time To

Remarks:

RIG 136 HAS 1195 DAYS NO LTA SAFETY MEETING :tripping pipe

daily water=320 total water=3930 daily motor hrs= 14

total motor hrs=127 (6184)

7-8"dc,1-8"mtr,2-6.25"mtr, 21-6.25dc,354-4.5dp

on location

2:00:00 PM

1:30:00 PM

ria service

Description

6150',mwd @ 60'

8:30:00 PM

drill & slide 18' every 60', mwd every 60', drill from 6150' to 6288"

drill & slide 18' every 60', to maintain slope, drill from 5890' to

5:00:00 AM

check flow, none , pump pill pooh w/bit #3

6:00:00 AM

wait on mtr, ako sleeve on mtr not made up all the way, did torque up,

not faced up..

Morning Operations: DIRECTIONAL DRILLING

Well: Peter's Point #16-6D-13-17

API#: 43-007-31004

Operations Date: 5/18/2005

Surface Location: NESW-6-13S-17 E 26th PM

Area: Nine Mile Canyon

13 Report #:

Depth At 06:00:

5890

Spud Date: 5/10/2005

8 Days From Spud:

Estimated Total Depth:

8681

Time To

Description

2:00:00 PM

drill & slide f/5230' to 5490', slide 18' every 30', mwd survey every 60'...

2:30:00 PM

rig sevice

6:00:00 AM

drill & slide f/ 5490' to 5890', slide 18' every 60', to maintain on

Days From Spud:

7

tangent, surveys @ 60'

Remarks:

RIG 136 HAS 1194 DAYS NO LTA

SAFETY MEETING: daily water=320 total water=3930 daily motor hrs= 23.5 total motor hrs=113 (6184)

7-8"dc,1-8"mtr,2-6.25"mtr, 21-6.25dc,354-4.5dp

on location

dapp @ 3.5 yesterday afternoon,////

Well: Peter's Point #16-6D-13-17

API#: 43-007-31004

Operations Date: 5/17/2005

Surface Location: NESW-6-13S-17 E 26th PM

Area: Nine Mile Canyon

Report #:

Depth At 06:00: 5230

12

Spud Date: 5/10/2005 Morning Operations: DIRECTIONAL DRILLING

Estimated Total Depth:

8681

Time To Description

12:30:00 PM drill &slide 15' every 30', survey @60'

1:00:00 PM rig service

5:00:00 PM

drill & slide 18' every 30',mwd @ 60 feet'

change swab#2,#1 has head gasket blowed

7:00:00 PM 6:00:00 AM

drill & slide 18' every 30',mwd @ 60'

Remarks:

RIG 136 HAS 1193 DAYS NO LTA SAFETY MEETING :BOP DRILL

daily water=240 total water=3600 daily motor hrs= 21.5 total motor hrs=89.5 (6184)

7-8"dc,1-8"mtr,2-6.25"mtr, 21-6.25dc,354-4.5dp

on location

bit trip possible at top of price river depending on

bit stearability,pr rate

kenny morris.



Well: Peter's Point #16-6D-13-17

API#: 43-007-31004

Operations Date: 5/16/2005

Surface Location: NESW-6-13S-17 E 26th PM

Area: Nine Mile Canyon

Report #: 11

Spud Date: 5/10/2005

6

Depth At 06:00:

4620

Morning Operations: dir drilling

Days From Spud:

Estimated Total Depth:

8681

Time To

Description

12:30:00 PM

drill & slide 15' every 30',3669' to3900'

12:30:00 PM 6:00:00 AM

rig service

drill & slide 15' every 60', f 3900' to 4620', survey every 60'.

RIG 136 HAS 1192 DAYS NO LTA SAFETY MEETING: picking up pipe

daily water=160 total water=3360 daily motor hrs= 23.5 total motor hrs=68 (6184)

7-8"dc,1-8"mtr,2-6.25"mtr, 21-6.25dc,354-4.5dp

on location

Remarks:

Fonn	3160-5	
Febru	ar Wh	

Type of 1

Ri Address

See Attached

. Dil Well Gas Well

Bill Barrett Corporation

4 Location of Well (Footage, Sec., T., R., M., or Survey Description)

1099 18th Street, Suite 2300, Denver, CO 80202

### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED	
OM B No. 1094-0137	
Expires March 31 200	ľ

#### SUNDRY NOTICES AND REPORTS ON WELLS

011

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

	5 Lease Serial No.
	See Attached
	6. If Indian, Allottee or Tribe Name
	N/A
	7 If Unit or CA/Agreement, Name and/or No.
*****	See Attached
	8. Well Name and No.
	See Attached
	9 API Well No.
	See Attached 43 1007 3100
	10. Hield and Pool, or Exploratory Area

See Attached

11 County or Parish, State

Carbon, UT 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE REPORT. OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION Acidize Water Shite-Off Deepen Production (Start/Resume) Notice of Intent Alter Casing Well Integrity Fracture Treat Reclamation Other Alternate Casing Repair New Construction Recomplete Substanent Report production casing Change Plans Plug and Abandon Temporarily Abandon Final Ahandonment Notice Convert to Intection J Plug Back Water Disposal

3b Phone No. (include area code)

303-312-8168

Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof if the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attack the Bond under which the work will be performed or provide the Bond No. on file with BLM BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Nutices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

This sundry is being submitted to request an alternate production easing design, if the 5 1/2" N-80 proposed is unavailable. As an alternative, BBC would like to utilize 5 1/2", 17#, 1-80 production easing. All of the easing characteristics/strengths are the same as the N-80 with exception to the tensile strength, 1-80 is rated at 338K lbs whereas N-80 has a tensile rating of 348K lbs.

A spreadsheet of the wells BBC would like this option on is attached.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

14 Therebs cettify that the foregoing is true and correct Name Printed Typed)	
Fracey Fallang	Tüle Permit Analyst
Jacow Fallang	Date 05/23/2005
THIS SPACE FOR FEDERAL	OR STATE OFFICE USE
Approved by	Title Date
Conditions of approval, if any, are attached. Approval of this notice does not warran	ri Ci
certify that the applicant holds legal or equitable title to these rights in the subject le- which would entitle the applicant to conduct operations thereon	i
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any States any false, fictitious or fraudulent, statements or representations as to any matter	person knowingly and willfully to make to any department or agency of the United within its jurisdiction

(Instructions on page 2)

RECEIVED

7. If Unit or CA Agreement,

4. Location of Well 5. Lease Serial No.		se Serial No. Name and No. 8. Lease Name and No.		e and No.	9. API#	10. Field and Pool	11. Sec. T, R and Survey or Area
NESE, 2638 FNL, 910 FEL	UTU-0681	Peter's Point Unit	Peter's Point Unit Fed	9-36-12-16	43-007-31011	Peter's Point Unit/Mesaverde	Sec. 36-T12S-R16E, S.L.B.&M.
2647 FSL, 898 FEL	UTU-04049	Peter's Point Unit	Peter's Point Unit Fed	2-36D-12-16	43-007-31010	Peter's Point Unit/Mesaverde	Sec. 36-T12S-R16E, S.L.B.&M.
2657 FSL, 886 FEL	UTU-04049 (SH) UTU-0737 (BH)	Peter's Point Unit	Peter's Point Unit Fed	12-31D-12-17	43-007-31009	Peter's Point Unit/Mesaverde	Sec. 36-T12S-R16E, S.L.B.&M.
2620 FSL, 934 FEL	UTU-0681 (SH) UTU-03333 (BH)	Peter's Point Unit	Peter's Point Unit Fed	4-31D-12-17	43-007-30810	Peter's Point Unit/Mesaverde	Sec. 36-T12S-R16E, S.L.B.&M.
700 FNL, 2439 FWL	UTU-0744	Peter's Point Unit	Peter's Point Unit Fed	16-6D-13-17	43-007-31004	Peter's Point Unit/Exploratory	Sec. 6-T13S-R17E, S.L.B.&M.
563 FNL, 999 FWL	UTU-0681	Peter's Point Unit	Peter's Point Unit Fed	8-35D-12-16	43-007-31024	Peter's Point Unit/Mesaverde	Sec. 36-T12S-R16E, S.L.B.&M.
567 FNL, 1013 FWL	UTU-0681	Peter's Point Unit	Peter's Point Unit Fed	16-26D-12-16	43-007-30812	Peter's Point Unit/Mesaverde	Sec. 36-T12S-R16E, S.L.B.8
571 FNL, 1028 FWL	UTU-0681	Peter's Point Unit	Peter's Point Unit Fed	14-25D-12-16	43-007-30764	Peter's Point Unit/Mesaverde	Sec. 36-T12S-R16E, S.L.B.&M.
1338 FSL, 973 FEL	UTU-0681	Peter's Point Unit	Peter's Point Unit Fed	16-35-12-16	43-007-30965	Peter's Point Unit/Mesaverde	Sec. 35-T12S-R16E, S.L.B.&M.
2596 FNL, 1348 FEL	UTU-73671	Prickly Pear Unit	Prickly Pear Unit Fed	7-33D-12-15	43-007-30985	Prickly Pear Unit/Mesaverde	Sec. 33-T12S-R15E, S.L.B.&M.
2115 FNL, 2063 FEL	UTU-73896	Prickly Pear Unit	Prickly Pear Unit Fed	7-25-12-15	43-007-30954	Prickly Pear Unit/Mesaverde	Sec. 25-T12S-R15E, S.L.B.&M.
856 FSL, 1225 FEL	UTU-73671	Prickly Pear Unit	Prickly Pear Unit Fed	1 <u>6-34-12-15</u>	43-007-30955	Prickly Pear Unit/Mesaverde	Sec. 34-T12S-R15E, S.L.B.&M.
676 FSL, 1934 FWL	UTSL-0071595	Peter's Point Unit	Peter's Point Unit Fed	14-34-12-16	43-007-30983	Prickly Pear Unit/Mesaverde	Sec. 34-T12S-R16E, S.L.B.&M.
1582 FNL, 960 FWL	UTU-73665	Prickly Pear Unit	Prickly Pear Unit Fed	5-13-12-14	43-007-31008	Prickly Pear Unit/Mesaverde	Sec. 13-T12S-R14E, S.L.B.&M.

Well name:

Utah: Nine Mile (I-80)

Operator: String type: Bill Barrett Production

Location:

Uintah County, UT

Design parameters:

Collapse

Mud weight:

9.50 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor

1.125

**Environment:** 

H2S considered? Surface temperature:

Bottom hole temperature: Temperature gradient:

215 °F 1.40 °F/100ft

Minimum section length:

1,500 ft

No 75.00 °F

Burst:

Design factor

1.00

Cement top:

2,375 ft

Burst

Max anticipated surface

pressure: Internal gradient: 4,705 psi 0.02 psi/ft

Calculated BHP

Annular backup:

4,935 psi

Tension:

8 Round STC:

8 Round LTC:

1.80 (J) 1.80 (J)

Premium:

Buttress: 1.80 (J) 1.80 (J) Body yield: 1.80 (B)

Non-directional string.

9.50 ppg

Tension is based on buoyed weight. Neutral point: 8,559 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	10000	5.5	17.00	1-80	LT&C	10000	10000	4.767	344.6
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4935	6290	1.275	4705	7740	1.65	146	338	2.32 J

Prepared Dominic Spencer by: Bill Barrett

Phone: (303) 312-8143 FAX: (303) 312-8195

Date:

23-May-05 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 10000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

<i>I-80</i>		Weight	Thread		-80 Perfe	ormance I	roperties	•		J-55 Perl	formance	Propertie	s	TOTAL CONTRACTOR OF THE PARTY O	N-80 Per	formance	Propertie	S
Performance	Diameter,	T & C,	Type	Collapse,	Burst,	Tension,	1000 lbs	Maximum		Burst,	Tension,		Maximum		Burst,	Tension, 1		Maximum
Property	inch	lb per ft		psi	psi	Pipe Body		Set Depth,	psi	psi	Pipe Body		Set Depth		psi	Pipe Body		Set Depth,
						Yield	Strength	feet			Yield	Strength	feet	•	•	Yield	Strength	feet
Comparison	4.500	9.50	Short	3900	6290	004	400	2000					·		***************************************			
	1.000	10.50	Short	4940	6380 6970	221 241	138 173	6930	3310	4380	152	101	5890	3900	6380	221	143	6930
		11.60	Long	6350	7780	267	201	8780	4010	4790	165	132	7000	4940	6970	241	186	8780
			5	0000	7700	201	201	9610	4960	5350	184	162	7760	6350	7780	267	223	10680
	5.500	14.00	Short	3620	6210	322	234	6440	3120	4270	222	170	FF.50	0000				
		15.50	Long	4990	7000	361	282	8870	4040	4810	248	172 217	5550 7180	3620	6210	322	243	6440
		17.00	Long	6280	7740	397	320	10470	4910	5320	273	247	8060	4990 6280	7000 7740	361	306	8870
	7.000	00.00							_		2.0	271	5000	0200	7740	397	348	11170
	7.000	20.00	Short	2740	5440	460	320	4870	2270	3740	316	234	4040	2740	5440	460	331	4870
		23.00	Long	3830	6340	532	428	6810	3270	4360	366	313	5810	3830	6340	532	442	6810
		26.00	Long	5410	7240	604	502	9620	4320	4980	415	367	7680	5410	7240	604	519	9620
	8.625	24.00	Short	1430	4000											001	0.0	3020
	0.020	28.00	Long	2160	4290 4930	555	337	2540	1370	2950	381	244	2440	1430	4290	555	346	2540
		32.00	Long	3050	5710	636 732	478	3840	1880	3390	437	348	3340	2160	4930	636	493	3840
			9	0000	3710	132	574	5420	2530	3930	503	417	4500	3050	5710	732	591	5420
I-80 Dimensions,	Outside	Weight	Thread		Dim	ensions, i	nch		Mak	e-Up To	raue	l l l						
I-80 Dimensions, Torques and	Diameter,	T&C,	Thread Type	Wall	Inside	Drift	Coupling	Make-up	Mak	(e-Up To	rque	. Hydro-						
Torques and				Wall Thickness	Inside	Drift	Coupling			ft x lbs		Test						(TAKA) Memorinan menerangkan dengan
Torques and Hydro-Test	Diameter,	T&C,			Inside	Drift	Coupling		Mak Optimum	ft x lbs		Test Pressure		1. API Bu	lletin 5C3	3, Sixth Ed	ition,	
Torques and	Diameter, inch	T & C, lb per ft	Туре	Thickness	Inside Diameter	Drift Diameter	Coupling Outside Diameter	Loss	Optimum	ft x lbs		Test				3, Sixth Ed used to de		the
Torques and Hydro-Test	Diameter,	T & C, lb per ft 9.50	Type Short	Thickness 0.205	Inside Diameter 4.090	Drift Diameter 3.965	Coupling Outside Diameter 5.000	Loss 2.000	Optimum 1380	ft x lbs Minimum 1040	Maximum	Test Pressure psi 5800	<u>.</u>		994 was			the
Torques and Hydro-Test	Diameter, inch	T & C, lb per ft 9.50 10.50	Type Short Short	0.205 0.224	Inside Diameter 4.090 4.052	Drift Diameter 3.965 3.927	Coupling Outside Diameter 5.000 5.000	2.000 2.625	Optimum 1380 1790	ft x lbs Minimum 1040 1340	. Maximum 1730 2240	Test Pressure psi 5800 6400	-	October t	994 was perties	used to de	etermine 1	
Torques and Hydro-Test	Diameter, inch	T & C, lb per ft 9.50	Type Short	Thickness 0.205	Inside Diameter 4.090	Drift Diameter 3.965	Coupling Outside Diameter 5.000	Loss 2.000	Optimum 1380	ft x lbs Minimum 1040	Maximum	Test Pressure psi 5800	-	October 1 listed prop 2. The veusing a 9.	994 was perties rtical set 625 lb. p	depth was	compute	d
Torques and Hydro-Test	Diameter, inch	T & C, lb per ft 9.50 10.50	Type Short Short	0.205 0.224	Inside Diameter 4.090 4.052	Drift Diameter 3.965 3.927 3.875	Coupling Outside Diameter 5.000 5.000	2.000 2.625 3.000	Optimum 1380 1790 2190	ft x lbs Minimum 1040 1340 1640	1730 2240 2740	Test Pressure psi 5800 6400 7100	-	October 1 listed properties 2. The vertical using a 9. and safety	994 was perties. rtical set 625 lb. p / factors	depth was ber U.S. ga of 1.125, 1	compute lion mud, .0 and 1.	d
Torques and Hydro-Test	Diameter, inch 4.500	7 & C, lb per ft 9.50 10.50 11.60	Short Short Long	0.205 0.224 0.250	Inside Diameter 4.090 4.052 4.000 5.012	Drift Diameter 3.965 3.927 3.875 4.887	Coupling Outside Diameter 5.000 5.000 5.000	2.000 2.625 3.000 2.875	Optimum  1380 1790 2190	ft x lbs Minimum 1040 1340 1640	1730 2240 2740 2930	Test Pressure psi 5800 6400 7100 5700	-	October to listed properties. The version and safety respective.	994 was perties. rtical set 625 lb. p / factors	depth was	compute lion mud, .0 and 1.	d
Torques and Hydro-Test	Diameter, inch 4.500	7 & C, lb per ft 9.50 10.50 11.60	Short Short Long Short	0.205 0.224 0.250 0.244	Inside Diameter 4.090 4.052 4.000	Drift Diameter 3.965 3.927 3.875	Coupling Outside Diameter 5.000 5.000 5.000 6.050 6.050	2.000 2.625 3.000 2.875 3.500	Optimum  1380 1790 2190 2340 2950	ft x lbs Minimum 1040 1340 1640 1760 2210	1730 2240 2740 2930 3690	Test Pressure psi 5800 6400 7100 5700 6400	-	October 1 listed properties 2. The vertical using a 9. and safety	994 was perties. rtical set 625 lb. p / factors	depth was ber U.S. ga of 1.125, 1	compute lion mud, .0 and 1.	d
Torques and Hydro-Test	Diameter, inch 4.500 5.500	7 & C, lb per ft  9.50 10.50 11.60 14.00 15.50 17.00	Short Short Long Short Long Long	0.205 0.224 0.250 0.244 0.275	Inside Diameter 4.090 4.052 4.000 5.012 4.950	Drift Diameter 3.965 3.927 3.875 4.887 4.825	Coupling Outside Diameter 5.000 5.000 5.000	2.000 2.625 3.000 2.875	Optimum  1380 1790 2190	ft x lbs Minimum 1040 1340 1640	1730 2240 2740 2930	Test Pressure psi 5800 6400 7100 5700	-	October to listed property. The vertical using a 9 and safety respective tension.	994 was perties. rtical set 625 lb. p / factors ely, for co	depth was per U.S. ga of 1.125, 1 ollapse, bur	compute llon mud, .0 and 1.	d 8
Torques and Hydro-Test	Diameter, inch 4.500	7 & C, lb per ft  9.50 10.50 11.60 14.00 15.50 17.00 20.00	Short Short Long Short Long Long	0.205 0.224 0.250 0.244 0.275 0.304	Inside Diameter 4.090 4.052 4.000 5.012 4.950	Drift Diameter 3.965 3.927 3.875 4.887 4.825	Coupling Outside Diameter 5.000 5.000 5.000 6.050 6.050	2.000 2.625 3.000 2.875 3.500	Optimum  1380 1790 2190 2340 2950	ft x lbs Minimum 1040 1340 1640 1760 2210 2510	1730 2240 2740 2930 3690 4190	Test Pressure psi 5800 6400 7100 5700 6400 7100	_	October 1 listed prop 2. The versusing a 9 and safety respective tension.  3. Productions of the safety respective tension.	994 was perties. rtical set 625 lb. p y factors ely, for co	depth was ber U.S. ga of 1.125, 1	compute llon mud, .0 and 1. est and	d 8 d
Torques and Hydro-Test	Diameter, inch 4.500 5.500	7 & C, lb per ft  9.50 10.50 11.60 14.00 15.50 17.00 20.00 23.00	Short Short Long Short Long Short Long	0.205 0.224 0.250 0.244 0.275 0.304 0.272 0.317	1.090 4.090 4.052 4.000 5.012 4.950 4.892	Drift Diameter  3.965 3.927 3.875 4.887 4.825 4.767	Coupling Outside Diameter  5.000 5.000 5.000 6.050 6.050 6.050	2.000 2.625 3.000 2.875 3.500 3.500	1380 1790 2190 2340 2950 3350	ft x lbs Minimum 1040 1340 1640 1760 2210 2510	1730 2240 2740 2930 3690 4190	Test Pressure psi 5800 6400 7100 5700 6400 7100	_	October 1 listed prop 2. The versusing a 9 and safety respective tension.  3. Productions of the safety respective tension.	994 was perties. rtical set 625 lb. p y factors ely, for co	depth was per U.S. ga of 1.125, 1 bilapse, but	compute llon mud, .0 and 1. est and	d 8 d
Torques and Hydro-Test	Diameter, inch 4.500 5.500	7 & C, lb per ft  9.50 10.50 11.60 14.00 15.50 17.00 20.00	Short Short Long Short Long Long	0.205 0.224 0.250 0.244 0.275 0.304	Inside Diameter  4.090 4.052 4.000 5.012 4.950 4.892 6.456	Drift Diameter  3.965 3.927 3.875 4.887 4.825 4.767 6.331	Coupling Outside Diameter  5.000 5.000 5.000 6.050 6.050 6.050 7.656	2.000 2.625 3.000 2.875 3.500 3.500 3.125	Optimum  1380 1790 2190  2340 2950 3350  3200	ft x lbs Minimum 1040 1340 1640 1760 2210 2510	1730 2240 2740 2930 3690 4190	Test Pressure psi 5800 6400 7100 5700 6400 7100 5000 5800	_	October to listed property 2. The verousing a 9- and safety respective tension.  3. Product with IPSC QB2.	994 was perties. rtical set 625 lb. p factors ely, for cours are av	depth was ber U.S. ga of 1.125, 1 bllapse, bur ailable plai nium conne	compute llon mud, .0 and 1. est and n end and ects QB1	d 8 d
Torques and Hydro-Test	Diameter, inch 4.500 5.500 7.000	7 & C, lb per ft  9.50 10.50 11.60 14.00 15.50 17.00 20.00 23.00 26.00	Short Short Long Short Long Long Short Long Long	0.205 0.224 0.250 0.244 0.275 0.304 0.272 0.317 0.362	1.090 4.052 4.000 5.012 4.950 4.892 6.456 6.366 6.276	Drift Diameter  3.965 3.927 3.875  4.887 4.825 4.767  6.331 6.250 6.151	Coupling Outside Diameter  5.000 5.000 5.000 6.050 6.050 6.050 7.656 7.656	2.000 2.625 3.000 2.875 3.500 3.500 3.125 4.000	Optimum  1380 1790 2190  2340 2950 3350  3200 4280	ft x lbs Minimum 1040 1340 1640 1760 2210 2510 2400 3210	1730 2240 2740 2930 3690 4190 4000 5350	Test Pressure psi 5800 6400 7100 5700 6400 7100	_	October 1 listed prop 2. The ve using a 9. and safety respective tension. 3. Product with IPSC QB2. 4. As a see a	994 was perties. rtical set 625 lb. p y factors bly, for co ts are av Oís prem	depth was ber U.S. ga of 1.125, 1 billapse, but ailable plai nium conne	compute llon mud, .0 and 1. est and n end and ects QB1	d 8 d
Torques and Hydro-Test	Diameter, inch 4.500 5.500	7 & C, lb per ft  9.50 10.50 11.60 14.00 15.50 17.00 20.00 23.00 26.00 24.00	Short Short Long Short Long Long Short Long Long	0.205 0.224 0.250 0.244 0.275 0.304 0.272 0.317 0.362 0.264	Inside Diameter  4.090 4.052 4.000  5.012 4.950 4.892  6.456 6.366 6.276  8.097	Drift Diameter  3.965 3.927 3.875  4.887 4.825 4.767  6.331 6.250 6.151  7.972	Coupling Outside Diameter  5.000 5.000 5.000 6.050 6.050 6.050 7.656 7.656 7.656	2.000 2.625 3.000 2.875 3.500 3.500 3.125 4.000	Optimum  1380 1790 2190  2340 2950 3350  3200 4280	ft x lbs Minimum 1040 1340 1640 1760 2210 2510 2400 3210	1730 2240 2740 2930 3690 4190 4000 5350	Test Pressure psi 5800 6400 7100 5700 6400 7100 5000 5800	_	October to listed property 2. The verousing a 9- and safety respective tension.  3. Product with IPSC QB2.	994 was perties. rtical set 625 lb. p y factors bly, for co ts are av Oís prem	depth was ber U.S. ga of 1.125, 1 billapse, but ailable plai nium conne	compute llon mud, .0 and 1. est and n end and ects QB1	d 8 d
Torques and Hydro-Test	Diameter, inch 4.500 5.500 7.000	7 & C, lb per ft  9.50 10.50 11.60 14.00 15.50 17.00 20.00 23.00 26.00 24.00 28.00	Short Short Long Short Long Long Short Long Short Long	0.205 0.224 0.250 0.244 0.275 0.304 0.272 0.317 0.362 0.264 0.304	1.090 4.090 4.052 4.000 5.012 4.950 4.892 6.456 6.366 6.276 8.097 8.017	Drift Diameter  3.965 3.927 3.875  4.887 4.825 4.767  6.331 6.250 6.151  7.972 7.892	Coupling Outside Diameter  5.000 5.000 5.000 6.050 6.050 6.050 7.656 7.656 7.656 9.625 9.625	2.000 2.625 3.000 2.875 3.500 3.500 3.125 4.000 4.000 4.500	Optimum  1380 1790 2190  2340 2950 3350  3200 4280 5020  3370 4780	1040 1340 1640 1760 2210 2510 2400 3210 3770	1730 2240 2740 2930 3690 4190 4000 5350 6280	Test Pressure psi  5800 6400 7100  5700 6400 7100  5000 5800 6600	_	October 1 listed prop 2. The ve using a 9. and safety respective tension. 3. Product with IPSC QB2. 4. As a see a	994 was perties. rtical set 625 lb. p y factors bly, for co ts are av Oís prem	depth was ber U.S. ga of 1.125, 1 billapse, but ailable plai nium conne	compute llon mud, .0 and 1. est and n end and ects QB1	d 8 d
Torques and Hydro-Test	Diameter, inch 4.500 5.500 7.000	7 & C, lb per ft  9.50 10.50 11.60 14.00 15.50 17.00 20.00 23.00 26.00 24.00	Short Short Long Short Long Long Short Long Long	0.205 0.224 0.250 0.244 0.275 0.304 0.272 0.317 0.362 0.264	Inside Diameter  4.090 4.052 4.000  5.012 4.950 4.892  6.456 6.366 6.276  8.097	Drift Diameter  3.965 3.927 3.875  4.887 4.825 4.767  6.331 6.250 6.151  7.972	Coupling Outside Diameter  5.000 5.000 5.000 6.050 6.050 6.050 7.656 7.656 7.656	2.000 2.625 3.000 2.875 3.500 3.500 3.125 4.000 4.000	Optimum  1380 1790 2190  2340 2950 3350  3200 4280 5020  3370	ft x lbs Minimum 1040 1340 1640 1760 2210 2510 2400 3210 3770 2530	1730 2240 2740 2930 3690 4190 4000 5350 6280	Test Pressure psi  5800 6400 7100  5700 6400 7100  5000 5800 6600  3900	_	October 1 listed prop 2. The ve using a 9. and safety respective tension. 3. Product with IPSC QB2. 4. As a see a	994 was perties. rtical set 625 lb. p y factors bly, for co ts are av Oís prem	depth was ber U.S. ga of 1.125, 1 billapse, but ailable plai nium conne	compute llon mud, .0 and 1. est and n end and ects QB1	d 8 d

The information and data contained herein are accurate to our knowledge, based upon standard industry calculations. Buyers are encouraged to make their own evaluations of the above derived performance properties for their particular use. The specific warranty applicable to these goods is as contained in IPSCO's Order Acknowledgment, Conditions of Sale.



P.O. Box 18 Camanche, Iowa 52730 Phone: (563) 242-0000 Toll Free: 1-800-950-4772

400 505-3rd Street SW Calgary, Alberta T2P 3E6 Phone: (403) 543-8000 Toll Free: 1-877-780-7560

P.O. Box 1670 Regina, Saskatchewan S4P 3C7 Phone: (306) 924-7700 Toll Free: 1-800-667-1616

RECEIVED

	<del></del>			i som.	
SUNDRY Do not use th	UNITED STATE DEPARTMENT OF THE BUREAU OF LAND MAN NOTICES AND RE his form for proposals ell. Use Form 3160-3	EINTERIOR NAGEMENT PORTS ON WEL to drill or to re-ea	nter an	FORM APPROVED OMB No. 1004-0137 JUN 0 2 2005 Expires: March 31, 2007 JUN 0 2 2005  5. Lease Serial No. UTU 0744 DIV. OF OIL, GAS & MINI  6. If Indian, Allottee or Tribe Name n/a	,NG
SUBMIT IN TRI	PLICATE- Other inst	ructions on revers	se side.	7. If Unit or CA/Agreement, Name and/or No.	
2. Name of Operator BILL BARR	Gas Well Other	won: ibür		PETER'S PONT UNIT  8. Well Name and No. Peter's Point Unit #16-6D-13-17  9. API Well No. 4300731004	
3a Address 1099 18th Street, Suite 2300, D		3b. Phone No. (include of 303-312-8168	area code) 	10. Field and Pool, or Exploratory Area	
4. Location of Well (Footage, Sec., 700' FNL, 2439' FWL, Lot 3, N	NESW, Sec. 6-T13S-R17E (SI		···	Peter's Point/Exploratory  11. County or Parish, State  Carbon, UT	
12. CHECK AF	PROPRIATE BOX(ES) TO	INDICATE NATURE	E OF NOTICE, R	EPORT, OR OTHER DATA	
TYPE OF SUBMISSION		TYP	E OF ACTION		
Notice of Intent  ✓ Subsequent Report  ☐ Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Statement of Statement of Statem	Well Integrity  Other Weekly Activity	
If the proposal is to deepen direr Attach the Bond under which the following completion of the inv testing has been completed. Fin determined that the site is ready	ctionally or recomplete horizontal e work will be performed or provolved operations. If the operational Abandonment Notices must be	ly, give subsurface locations ide the Bond No. on file wi results in a multiple comple filed only after all requirem	s and measured and tru th BLM/BIA. Require etion or recompletion in	ny proposed work and approximate duration thereof. the vertical depths of all pertinent markers and zones. The subsequent reports must be filed within 30 days on a new interval, a Form 3160-4 must be filed once ation, have been completed, and the operator has	

WEEKLY DRILLING ACTIVITY REPORT FROM 05/23/05 - 05/29/05.

<ol> <li>I hereby certify that the foregoing is true and correct Name (Printed/Typed)</li> </ol>	]	, , , , , , , , , , , , , , , , , , , ,		
Matt Barber	Title	Contract Permit	Analyst for the	Bill Barrett Corp.
Signature Watt Darbe	Date		05/31/2005	
THIS SPACE FOR FEDERAL	OR.	STATE OFFI	CE USE	
Approved by		Title		Date
Conditions of approval, if any, are attached. Approval of this notice does not warrar certify that the applicant holds legal or equitable title to those rights in the subject lear which would entitle the applicant to conduct operations thereon.		Office		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any States any false, fictitious or fraudulent statements or representations as to any matter	person within	knowingly and willf its jurisdiction.	fully to make to a	ny department or agency of the United
(Instructions on page 2)				



Well : Peter's Point #16-6D-13-17

API #: 43-007-31004

Operations Date: 5/29/2005

Surface Location: NESW-6-13S-17 E 26th PM

Area: Nine Mile Canyon

Report #:

Spud Date: 5/10/2005

Days From Spud: 19 Depth At 06:00: 7838

Morning Operations: DIRECTIONAL DRILLING

Estimated Total Depth:

8681

DRILL FR 7763 TO 7780

Description

T. I. H.

Remarks:

RIIG 136 HAS 1205 DAYS NO LTA

SAFETY MEETING: DAILY WATER: 400 TOTAL WATER: 7690

DAILY MOTOR HRS:9.5 TOTAL MOTOR: 9.575 DC-1-8"MTR, 21-6.5DC, 354 JT DP

7-8" 199 JT

5.5 CSG

117

STR/MIN- .083 BBL/STR 1.5 RPG MTR = 611 @ MTR MADE 75

**ROP 6.0** 

6:00:00 AM

SLIDING WASHED FR 7739 TO 7780 DRILLING (SLIDING) FR 7780 TO 7838

T. O. H. (MTR LOCKED - WET TRIP)

Well : Peter's Point #16-6D-13-17

API#: 43-007-31004

Operations Date: 5/28/2005

Surface Location: NESW-6-13S-17 E 26th PM

Area: Nine Mile Canyon

Report #:

Spud Date: 5/10/2005

Davs From Spud:

Depth At 06:00:

18

Days From Spud:

17

7763 8681

Morning Operations: DIRECTIONAL DRILLING

Estimated Total Depth:

Time To

Time To

9:00:00 AM

2:30:00 PM

7:30:00 PM

8:30:00 PM

Description

6:30:00 PM

DRILL FR 7607 TO 7695

7:00:00 PM

RIG SERVICE

6:00:00 AM

DRILL FR 7695 TO 7763

Remarks: Rig 136 HAS 1204 DAYS NO LTA

SAFETY MEETING: MAKING CONNECTIONS

DAILY WATER: 620 TOTAL WATER: 7290 DAILY MOTOR HRS: 23.5 **TOTAL MOTOR HRS:130** 

7-8" DC- 1-8" MTR, 21-6.5DC,354-4.5 JT DP

199 JT 5.5 CSG

118 STR/MIN - .O83 BBL/STR 1.5 RPG MTR =611

@ MTR

**MADE 158**'

Well: Peter's Point #16-6D-13-17

API#: 43-007-31004

Operations Date: 5/27/2005

Surface Location: NESW-6-13S-17 E 26th PM

Area: Nine Mile Canyon

Report #: 22

Spud Date: 5/10/2005

Depth At 06:00: Estimated Total Depth: 7605 8681

Morning Operations: DIRECTIONAL DRILLING

Remarks:

RIG 136 HAS 1203 DAYS NO LTA

SAFETY MEETING: COMMUNICATIONS

daily water=0 total water=6670 daily motor hrs=23.5

total motor hrs= (6502) 65 (6101)

7-8"dc,1-8"mtr,2-6.25"mtr, 21-6.25dc,354-4.5dp

199 jt 5.5 csg

.117 STRS /MIN - .083 BBL/ STR 1.5 RPG MTR = 611 @

MTR

MADE 195' IN 23.5 HRS

Time To

Description

4:00:00 PM

DRILL FR 7405 TO 7500

4:30:00 PM

RIG SERVICE

6:00:00 AM

DRILL FR 7500 TO 7605

Report By Wellcore

May 31, 2005 07:55 AM



Well: Peter's Point #16-6D-13-17

API#: 43-007-31004

Operations Date: 5/26/2005

Surface Location: NESW-6-13S-17 E 26th PM

Area: Nine Mile Canvon

Report #: 21

Spud Date: 5/10/2005

Days From Spud: 16 Depth At 06:00:

7410

Morning Operations: directional drilling

Estimated Total Depth:

8681

Time To

Description

4:30:00 PM

drill & slide, f 7230' to 7317', slide 100% to drop angle, mwd survey

every 60'

5:00:00 AM

rig service

6:00:00 AM

drill& slide, f 7317' to 7410, slide 100% to maintain drop angle, mwd

every 60'

Remarks:

RIG 136 HAS 1202 DAYS NO LTA SAFETY MEETING :clean work area

daily water=240 total water=6670

daily motor hrs=23.5

total motor hrs=83 (6502) 41.5 (6101) 7-8"dc,1-8"mtr,2-6.25"mtr, 21-6.25dc,354-4.5dp

199 jt 5.5 csg..

117 stks/min .083 bbl/stk

1.5 rpg mtr=611 rpm @ mtr

180 ft made today avg 7.6 ft/hr

project to slide 100% most of day to continue drop

Well: Peter's Point #16-6D-13-17

API#: 43-007-31004

Operations Date: 5/25/2005

Surface Location: NESW-6-13S-17 E 26th PM

Area: Nine Mile Canyon

Report #:

Spud Date: 5/10/2005

Days From Spud: 15

drill & slide.7045' to 7095'.slide 20' of 30' .mwd survey every 60'

drill & slide, f/ 7095' to 7230', sliding 22' of every 30' to drop angle

Depth At 06:00:

Estimated Total Depth:

7230

8681

Morning Operations: directional drilling

Description

ria service

Remarks:

RIG 136 HAS 1201 DAYS NO LTA SAFETY MEETING: slow pump rates

daily water=800 total water=6430

daily motor hrs= 23.5

total motor hrs=59.5 (6502) 41.5 (6101) 7-8"dc,1-8"mtr,2-6.25"mtr, 21-6.25dc,354-4.5dp

199 jt 5.5 csg..

1.5 rpg mtr @117 stks=612

Well: Peter's Point #16-6D-13-17

API#: 43-007-31004

Operations Date: 5/24/2005

Surface Location: NESW-6-13S-17 E 26th PM

Area: Nine Mile Canyon

Report #:

Depth At 06:00: 7045

Spud Date: 5/10/2005

Days From Spud: 14

Estimated Total Depth:

8681

19

Morning Operations: directional drilling

Remarks:

RIG 136 HAS 1200 DAYS NO LTA SAFETY MEETING: bop drill

daily water=360 total water=5630 daily motor hrs= 23

total motor hrs=36 (6502) 41.5 (6101) 7-8"dc,1-8"mtr,2-6.25"mtr, 21-6.25dc,354-4.5dp

199 jt 5.5 csg..

sliding 20' of every 30' to get drop rate

survey every 60'

Time To

Time To

1:30:00 PM

2:00:00 PM

6:00:00 AM

Description

12:30:00 PM

drill & slide f6908' to 6938'

1:00:00 PM

rig service pump repair

1:30:00 PM 6:00:00 AM

drill & slide f/ 6938' to 7045'



Well: Peter's Point #16-6D-13-17

API#: 43-007-31004

Operations Date: 5/23/2005

Surface Location: NESW-6-13S-17 E 26th PM

Report #:

18

Area: Nine Mile Canyon

6908

Spud Date: 5/10/2005

Days From Spud: 13 Depth At 06:00:

Estimated Total Depth:

8681

Morning Operations: directional drilling

Remarks:

RIG 136 HAS 1199 DAYS NO LTA SAFETY MEETING :snub lines

daily water=560 total water=5270

daily motor hrs= 13 total motor hrs=13 (6502) 41.5 (6101)

7-8"dc,1-8"mtr,2-6.25"mtr, 21-6.25dc,354-4.5dp 199 jt 5.5 csg..

diamond bit drilling slow dropping angle 4-8' hr

1.5 rpg @ 103 stks/min=359 gal

tfa 1.12

Time To

Description

6:30:00 AM

check flow, pump pill,

10:30:00 AM

pooh w/ bit #5

11:00:00 AM

rig service

12:30:00 PM

slip & cut drill line

4:00:00 PM

change mtr,p/u bit #6,tih

5:00:00 PM

ream 58' to btm.

6:00:00 AM

drill & slide 10' every 30', mwd survey 30', drill from 6820' to 6908'

Form 3160-5 (February 2005)

1. Type of We

TYPE OF SUBMISSION

Notice of Intent

✓ Subsequent Report

2. Name of Operator BILL BARRETT CORPORATION

4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 700' FNL, 2439' FWL, Lot 3, NESW, Sec. 6-T13S-R17E (SHL)

1099 18th Street, Suite 2300, Denver, CO 80202

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### SUNDRY NOTICES AND REPORTS ON WELLS

SUNDRY	UNITED STATE DEPARTMENT OF THE BUREAU OF LAND MAN NOTICES AND RE his form for proposals	FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007  5. Lease Serial No. UTU 0744  6. If Indian, Allottee or Tribe Name	
abandoned w	rell. Use Form 3160-3	(APD) for such proposals. ructions on reverse side.	n/a 7. If Unit or CA/Agreement, Name and/or No.
ll Oil Well	Gas Well Other  CETT CORPORATION	OUNT DEFIN	8. Well Name and No. Peter's Point Unit #16-6D-13-17  9. API Weil No.
reet, Suite 2300, I	Denver, CO 80202	3b. Phone No. (include area code) 303-312-8168	4300731004  10. Field and Pool, or Exploratory Area Peter's Point/Exploratory
	T., R., M., or Survey Description) NESW, Sec. 6-T13S-R17E (S		11. County or Parish, State  Carbon, UT
12. CHECK A	PPROPRIATE BOX(ES) TO	DINDICATE NATURE OF NO	DICE, REPORT, OR OTHER DATA
SUBMISSION		TYPE OF AC	TION
Intent	Acidize  Alter Casing		uction (Start/Resume) Water Shut-Off amation Well Integrity

Other Weekly Activity

Reports

Final Abandonment Notice Plug Back Convert to Injection 13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Fracture Treat

New Construction

Plug and Abandon

Recomplete

Water Disposal

Temporarily Abandon

WEEKLY DRILLING ACTIVITY REPORT FROM 05/30/05 - 06/04/05.

Alter Casing

Casing Repair

Change Plans

RECEIVED JUN 1 0 2005

14. Thereby certify that the foregoing is true and correct Name (Printed/Typed)  Matt Barber	Title	Contract Permit Analyst for	the Bill Barrett Corp.	<sup>1</sup> - Ĝ
Signature Matt Bulu	Date	06/07/20	05	
THIS SPACE FOR FEDERAL	OR	STATE OFFICE USE		
Approved by		Title	Date	
Approved by  Conditions of approval, if any, are attached. Approval of this notice does not warra certify that the applicant holds legal or equitable title to those rights in the subject le which would entitle the applicant to conduct operations thereon.	ase	Office		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any States any false, fictitious or fraudulent statements or representations as to any matter	person r within	knowingly and willfully to make its jurisdiction.	to any department or age	ncy of the United



Well: Peter's Point #16-6D-13-17

API#: 43-007-31004

Operations Date: 6/4/2005

Surface Location: NESW-6-13S-17 E 26th PM

Area: Nine Mile Canyon

Report #: 30

Spud Date: 5/10/2005

Days From Spud:

Depth At 06:00:

Morning Operations: RIGGING DOWN

8191

Estimated Total Depth:

8681

Time To

Description

7:30:00 AM

run 185 its 5.5 csq to 8170'

9:30:00 AM

circ, rig up halliburton, safety meeting

12:30:00 PM

cement 1645 sx 50/50 poz premium(lead), displace 188.4 bbls 2% clayfix, final circ psi 2100, bump plug 12 noon(6-3-05) 2800 psi float

held.

set casing slips 100k,nipple down,cut off length 26.82,set bop down

2:30:00 PM 7:00:00 PM

clean pits, release rig 1900 hr (6-3-05)

6:00:00 AM

start rig down

Remarks:

RIIG 136 HAS 1211 DAYS NO LTA

SAFETY MEETING: psi testing cement lines

DAILY WATER: WATER: 8530

TOTAL DAILY

MOTOR HRS:

TOTAL MOTOR:

80 (6111)

7-8" DC-1-8"MTR, 21-6.5DC, 354 JT DP

199

JT 5.5 CSG

slm=8191.94

loggers depth=8179

5.5 csg shoe depth to be 8170'

float depth 8125

float did hold

5.5 casing slips set 100,000 lbs..

cut -off 26.82

transfered 800 bbls mud to pp 6-7d

on unit rig#166

RIG RELEASE 19:00 HR(6-3-05).....

kenny morris

Well: Peter's Point #16-6D-13-17

API#: 43-007-31004

Operations Date: 6/3/2005

Surface Location: NESW-6-13S-17 E 26th PM

Area: Nine Mile Canyon

Report #: 29

Depth At 06:00:

Spud Date: 5/10/2005

Days From Spud: 24

Estimated Total Depth:

8191 8681

Morning Operations: RUNNING CASING

Description

9:00:00 AM

Time To

logging with halliburton

12:30:00 PM

trip in hole to 8190'

4:00:00 PM

circ & condition, I/d machine 2 hrs late

10:30:00 PM

lay down pipe

6:00:00 AM

run casing to 8170'

Remarks:

RIIG 136 HAS 1211 DAYS NO LTA

SAFETY MEETING: laydown pipe

DAILY WATER:

**TOTAL** DAILY

WATER: 8530

TOTAL MOTOR:

MOTOR HRS:

80 (6111) 7-8" DC-1-8"MTR, 21-6.5DC, 354 JT DP

199

JT 5.5 CSG

slm=8191.94

loggers depth=8179

5.5 csg shoe depth to be 8170'



Well: Peter's Point #16-6D-13-17

API#: 43-007-31004

Area: Nine Mile Canyon

Operations Date: 6/2/2005

Surface Location: NESW-6-13S-17 E 26th PM

Report #:

Spud Date: 5/10/2005

Days From Spud: 23 Depth At 06:00:

Estimated Total Depth:

8191

Morning Operations: LOGGING

8681

Time To

Description

7:00:00 AM

drill to 8191'

1:00:00 PM

ck flow,pump pill,pooh ,l/d dir tool,mtr.#6,function test bop.

7:00:00 PM

tih.w #7bit.

9:00:00 PM

circ & cond for logs

1:00:00 AM

pooh,sim for logs

6:00:00 AM

logging, w halliburton,

Remarks:

RIIG 136 HAS 1210 DAYS NO LTA SAFETY MEETING :slick conditions

DAILY WATER: 200

TOTAL WATER: 8530

DAILY

MOTOR HRS:1

: 80 (6111)

TOTAL MOTOR

7-8" DC-1-8"MTR, 21-6.5DC, 354 JT DP

199

JT 5.5 CSG

slm=8191.94 loggers depth=8179

contacted DON STEPHENS (price blm office)

left message on td depth of 8191'

6-1-05 14:00 hr

precision final bill=\$109,300.00 not on vender list

bio-action not on list murray forklift not on list wildcat noton list

Well: Peter's Point #16-6D-13-17

API#: 43-007-31004

Operations Date: 6/1/2005

Surface Location: NESW-6-13S-17 E 26th PM

Area: Nine Mile Canyon

Report #:

Depth At 06:00:

27

Spud Date: 5/10/2005

Days From Spud: 22

8190 8681

Morning Operations: drilling

Time To 7:00:00 AM Description drill actual

8:00:00 AM

pump repair

3:30:00 PM

drill actual to 8129'

4:00:00 PM

rig service

6:00:00 AM

drill f 8129' to 8190

Remarks: RIIG 136 HAS 1208 DAYS NO LTA

Estimated Total Depth:

SAFETY MEETING

DAILY WATER: 200

TOTAL WATER: 8330

MOTOR HRS :22.5

DAILY TOTAL

MOTOR: 79 (6111)

7-8" DC-1-8"MTR, 21-6.5DC, 354 JT DP

199

JT 5.5 CSG

117 stks=397 gal/min,

1.5 rpg mtr=597 rpm at bit =652 total

Well: Peter's Point #16-6D-13-17

API#: 43-007-31004

Operations Date: 5/31/2005

Surface Location: NESW-6-13S-17 E 26th PM

Area: Nine Mile Canyon

Report #:

Spud Date: 5/10/2005

Days From Spud: 21

Depth At 06:00:

8094

Morning Operations: directional drilling

Estimated Total Depth:

8681

Time To

Description

10:00:00 AM

drill actual,f /7990' to 8004'

10:30:00 AM 6:00:00 AM

rig service

drill actual, 8004' to 8094'

Remarks:

JT 5.5 CSG

RIIG 136 HAS 1207 DAYS NO LTA

SAFETY MEETING :snub lines

DAILY WATER: 200 TOTAL WATER: 8130 DAILY MOTOR HRS:23.5

TOTAL MOTOR: 56.5 (6111) 7-8" DC-1-8"MTR, 21-6.5DC, 354 JT DP

199

117 stks=397 gal/min,

1.5 rpg mtr=597 rpm at bit =652 total



Well: Peter's Point #16-6D-13-17

Surface Location: NESW-6-13S-17 E 26th PM

Spud Date: 5/10/2005

Morning Operations: directional drilling

20 Days From Spud:

Time To Description

12:00:00 PM drill & slide f/ 7837' to 7880'

12:30:00 PM rig service

6:00:00 AM drill & slide 7880' to 7990 API#: 43-007-31004

Area: Nine Mile Canyon

Operations Date: 5/30/2005

25 Report #:

Depth At 06:00:

Estimated Total Depth:

7990 8681

Remarks:

RIIG 136 HAS 1206 DAYS NO LTA

SAFETY MEETING: stairs & walkways

TOTAL **WATER: 240** DAILY WATER: 7930

MOTOR HRS :23.5 MOTOR: 33 (6111)

7-8" DC-1-8"MTR, 21-6.5DC, 354 JT DP

JT 5.5 CSG

199

TOTAL

DAILY

114 stks on 1.5 rpg mtr=597 rpm @mtr

June 07, 2005 07:42 AM

Form 3 60-5 (February 2005)

# UNDED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 200

5.	Lease Serial No.
	TITCEL OF 44

SUNDRY NOTICES AND REF	ORTS ON W	ELLS	UTU 074	14
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160 - 3 (APD) for such proposals.				Allottee or Tribe Name
SUBMIT IN TRIPLICATE- Other instr	ructions on rev	erse side.	i	CA/Agreement, Name and/or No.
1. Type of Well Gas Well Other			8. Well Nam	ne and No.
2. Name of Operator BILL BARRETT CORPORATION			Peter's I	Point Unit #16-6D-13-17   No.
3a Address	3b. Phone No. (inch. 303-312-8168	ide area code)	4300731	004 Pool, or Exploratory Area
1099 18th Street, Suite 2300, Denver, CO 80202  4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	303-312-0100			Point/Exploratory
700' FNL, 2439' FWL, Lot 3, NESW, Sec. 6-T13S-R17E (SH	L)		11. County o	r Parish, State UT
12. CHECK APPROPRIATE BOX(ES) TO	INDICATE NATU	JRE OF NOTICE, R	EPORT, OR	OTHER DATA
TYPE OF SUBMISSION	Т	YPE OF ACTION		
Notice of Intent  Acidize  Atter Casing  Casing Repair	Deepen Fracture Treat New Construction	Production (Standard Reclamation Recomplete	art/Resume)	Water Shut-Off Well Integrity Other Weekly Activity
Change Plans	Plug and Abandon		oandon	Reports
Final Abandonment Notice Convert to Injection	Plug Back	Water Disposal		
following completion of the involved operations. If the operation testing has been completed. Final Abandonment Notices must be determined that the site is ready for final inspection.)  WEEKLY COMPLETION ACTIVITY REPORT FROM	filed only after all requi	rements, including reclan	nation, have beer	completed, and the operator has
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)				
Matt Barber	Title	Contract Permit Anal	yst for the Bill	Barrett Corp.
Signature Matt Barbor	Date		08/25/2005	
THIS SPACE FOR I	FEDERAL OR	STATE OFFICE	USE	
Approved by		Title	D	ate
Conditions of approval, if any, are attached. Approval of this notice certify that the applicant holds legal or equitable title to those rights is which would entitle the applicant to conduct operations thereon.	does not warrant or n the subject lease	Office	J	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a States any false, fictitious or fraudulent statements or representations	crime for any person as to any matter within	knowingly and willfully its jurisdiction.	to make to any	department or agency of the United

(Instructions on page 2)

RECEIVED

AUG 2 9 2005

### REGULATORY COMPLETION SUMMARY



Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

Area: Nine Mile Canyon

Ops Date: 8/18/2005

Report #:

**End Time** 

Description

Summary: Flow back stage 1

7:00:00 AM

stage 1 Price River, FCP 10 psi on 46/64 ck. recovered 230 bbls

228 bbls left to recover

Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

Area: Nine Mile Canyon

Ops Date: 8/17/2005

Report #:

**End Time** 

Description

Summary: MIRU BWWC EL. Perf Stage 1 Price River. MIRU HES Frac, Stinger, BOC Gases. Frac Stage 1 . Flow back

9:00:00 AM

MIRU BWWC Pickup 8 ft. perforating gun RIH correlate to short joints. run to perf depth check depth to casing collars. perforate Price River Stage 1 @ 7690-7698 8 ft. 3JSPF 120 phasing 25 gram shot.

.420 hole. POOH all shots fired.

9:00:00 AM

rig up HES frac. Stinger Wellhead Prot. BOC Gases.

11:30:00 AM

Safety meeting. Pressure test pump lines.

Stage 1, 70Q CO2 Foam Frac. Price River. load Break @ 5572 @ 5BPM. Avg. Wellhead Rate:19.5 BPM. Avg. Slurry Rate:7.9 BPM. Avg. CO2 Rate: 11 BPM. Avg. Pressure: 2,966 PSI. Max. Welhead Rate:22.4 BPM. Max. Slurry Rate:10.8 BPM. Max. CO2 Rate: 10.8 BPM. Max. Pressure: 3,477 psi. Totel Fluid pumped:11,007 gal. Totel Sand in Formation:43,100 lb. (20/40 White Sand) CO2 Downhole:70 ton CO2 Cooldown:10 tons ISIP:2,800 Frac

Gradient: 0.80 psi/ft. Flushed wellbore with 50 Q Co2 foam with 500

gal fluid cap.

1:30:00 PM

rig down Stinger Wellhead protection. BOC. HES frac. equipment.

2:00:00 PM

start flow back on 18/64 ck. 2650 PSi . 458 bbls to recover

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT  SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to re-enter an				FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007  5. Lease Serial No. UTU 0744  6. If Indian, Allottee or Tribe Name		
abandoned w	ell. Use Form 3160 - 3  IPLICATE - Other ins	(APD) for such prop	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	l .	CA/Agreement, Name and/or No. 'S PONT UNIT	_
Type of Well Oil Well      Name of Operator BILL BARR      Address		3b. Phone No. (include 303-312-8168	area code)	9. API We	Point Unit #16-6D-13-17	_
1099 18th Street, Suite 2300, I 4. Location of Well (Footage, Sec., 700' FNL, 2439' FWL, Lot 3,	T., R., M., or Survey Description NESW, Sec. 6-T13S-R17E (	n) SHL)		Peter's  11. County C  Carbon	Point/Exploratory or Parish, State , UT	_
12. CHECK A	PPROPRIATE BOX(ES)		E OF NOTICE, R	EPORT, OR	OTHER DATA	_
Notice of Intent  ✓ Subsequent Report  Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (State Reclamation Recomplete Temporarily At Water Disposal	bandon	Water Shut-Off Well Integrity Other Weekly Activity Reports	
12 Describe Proposed or Comple	eted Operation (clearly state all p	ertinent details, including estin	mated starting date of a	my proposed wo	ork and approximate duration thereof.	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated stating date of this proposal is to deepen directionally or recomplete horizontally, give usbourface locations and measured and true vertical depths of all pertinent markers and zones. If the proposal is to deepen directionally or recomplete horizontally, give usbourface locations and measured and true vertical depths of all pertinent markers and zones. If the proposal is to deepen directionally or recomplete horizontally, give usbourface locations and measured and true vertical depths of all pertinent markers and zones. If the proposal is to deepen directionally or recomplete horizontally, give usbourface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

WEEKLY COMPLETION ACTIVITY REPORT FROM 08/22/05 - 08/28/05.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)  Matt Barber	Title	Contract Permit Ana	alyst for the Bill Barrett Corp.	
Signature Matt Bahn	Date		08/31/2005	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE				
Approved by		Title	Date	
Conditions of approval, if any, are attached. Approval of this notice does not warracterify that the applicant holds legal or equitable title to those rights in the subject legal or equitable title to those rights in the subject legal.	casc	Office		
which would entitle the applicant to conduct operations thereon.  Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any States any false, fictitious or fraudulent statements or representations as to any matter.	y person er withir	knowingly and willfull its jurisdiction.	ly to make to any department except of	EDred
(Instructions on page 2)			SEP 0 6 7	2005
				- 415 U.S.

### REGULATORY COMPLETION SUMMARY

12





Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

Area: Nine Mile Canyon

Ops Date: 8/28/2005

Report #:

**End Time** 

Description

Summary: Flow back stage 1

7:00:00 AM

FCP 5 psi on 22 ck dry flow

11:59:00 PM

flow back stage 1

Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

Area: Nine Mile Canvon

Ops Date: 8/27/2005

Summary: Flow back stage 1

Report #:

**End Time** 

Description

7:00:00 AM

FCP 5 psi on 22 ck dry flow

11:59:00 PM

flow back stage 1

Well Name: Peter's Point #16-6D-13-17

11

API: 43-007-31004

Area: Nine Mile Canyon

Area: Nine Mile Canyon

Area: Nine Mile Canyon

Area: Nine Mile Canyon

Ops Date: 8/26/2005

Summary: Flow back stage 1

Report #:

10

End Time 7:00:00 AM Description

stage 1 Price RiverFCP 5 PSi on 22 ck dry flow 228 bbl left to

recov.

11:59:00 PM Flow back stage 1

Well Name: Peter's Point #16-6D-13-17

Report #:

API: 43-007-31004

Summary: flow back stage 1

Ops Date: 8/25/2005

9 **End Time** 7:00:00 AM

Description

FCP 2 psi on 20 ck dry flow 228 bbl left

11:59:00 PM

flow back stage 1

Well Name: Peter's Point #16-6D-13-17

Report #:

Report #:

End Time

Description

API: 43-007-31004

Summary: flow back stage 1

Ops Date: 8/24/2005

7:00:00 AM

FCP 2 psi on 20 ck. dry flow

11:59:00 PM

flow back stage 1

Well Name: Peter's Point #16-6D-13-17

**End Time** 

Description

API: 43-007-31004

Summary: Flow back stage 1

7:00:00 AM

FCP 4 psi on 20 ck dry flow

11:59:00 PM

flow back stage 1

Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

Area: Nine Mile Canyon

Ops Date: 8/22/2005

Ops Date: 8/23/2005

Report #:

End Time

Description

Summary: Flow back stage 1

7:00:00 AM

Flow back stage 1 FCP 4 psi on 20 ck dry flow

11:59:00 PM

Flow back stage 1

CONFIDENTIAL

Report by Wellcore

August 30, 2005 01:36 PM

Form 3160-5 (February 2005)

1. Type of Wel

3a. Address

TYPE OF SUBMISSION

Notice of Intent

2. Name of Operator BILL BARRETT CORPORATION

4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 700' FNL, 2439' FWL, Lot 3, NESW, Sec. 6-T13S-R17E (SHL)

determined that the site is ready for final inspection.)

1099 18th Street, Suite 2300, Denver, CO 80202

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### SUNDRY NOTICES AND REPORTS ON WELLS

UNITED S DEPARTMENT O BUREAU OF LAN SUNDRY NOTICES AN	FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007  5. Lease Serial No. UTU 0744	
Do not use this form for prop abandoned well. Use Form 31	6. If Indian, Allottee or Tribe Name n/a	
, <u> </u>	er instructions on reverse side.	7. If Unit or CA/Agreement, Name and/or No. PETER'S PONT UNIT
ll Oil Well	Other UNFIDENTIAL	8. Well Name and No. Peter's Point Unit #16-6D-13-17
<sup>ator</sup> BILL BARRETT CORPORATIO	ON	9. API Well No.
reet, Suite 2300, Denver, CO 80202	3b. Phone No. (include area code) 303-312-8168	4300731004  10. Field and Pool, or Exploratory Area
lell (Footage, Sec., T., R., M., or Survey Des	scription)	Peter's Point/Exploratory
139' FWL, Lot 3, NESW, Sec. 6-T13S-I	R17E (SHL)	11. County or Parish, State  Carbon, UT
12. CHECK APPROPRIATE BOX	(ES) TO INDICATE NATURE OF NOTICE	REPORT, OR OTHER DATA
SUBMISSION	TYPE OF ACTION	
Acidize	Deepen Production	(Start/Resume) Water Shut-Off

Well Integrity

Other Weekly Activity Recomplete Casing Repair New Construction ✓ Subsequent Report Reports Temporarily Abandon Plug and Abandon Change Plans \_ Final Abandonment Notice Water Disposal Plug Back Convert to Injection 13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has

Reclamation

Deepen

Fracture Treat

WEEKLY COMPLETION ACTIVITY REPORT FROM 08/29/2005 - 09/04/2005.

Acidize

Alter Casing

RECEIVED SEP 1 2 2005

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)  Matt Barber	Title	Contract Permit A	Analyst for the l	Bill Barrett Corp.	
Signature Matt Barker	Date		09/09/2005		
THIS SPACE FOR FEDERAL OR STATE OFFICE USE					
Approved by		Title		Date	
Conditions of approval, if any, are attached. Approval of this notice does not warra certify that the applicant holds legal or equitable title to those rights in the subject legal or equitable title	ease	Office			
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any States any false, fictitious or fraudulent statements or representations as to any matter	person r within	knowingly and will its jurisdiction.	fully to make to a	ny department or agency of the United	

### REGULATORY COMPLETION SUMMARY



Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

Area: Nine Mile Canyon

Ops Date: 9/4/2005 Summary: SIC

Report #:

19 **End Time**  Description

Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

SI

Area: Nine Mile Canyon

Ops Date: 9/3/2005 Summary: SICP 79

Report #:

**End Time** 

Description

7:00:00 AM

SICP 79

Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

Area: Nine Mile Canyon

Ops Date: 9/2/2005

Summary: SICP 50 psi

Report #:

17

18

End Time 10:00:00 AM Description

24 hour shut in 50 psi.

Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

Area: Nine Mile Canyon

Ops Date: 9/1/2005

Summary: flow back stage 1, Shut in

Report #:

16

End Time 7:00:00 AM Description

FCP 0 on 22 ck. dry 228 bbls left to recover

8:00:00 AM

shut in for pressure buiold up

Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

Area: Nine Mile Canyon

Ops Date: 8/31/2005

Report #:

15

**End Time** 

Description

Summary: flow back stage 1

7:00:00 AM

FCP 1 psi on 22 ck dry flow

Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

Area: Nine Mile Canyon

Area: Nine Mile Canyon

Ops Date: 8/30/2005

Summary: Flow back stage 1

Report #: 14

**End Time** 

Description

FCP 2 psi on 22 ck. dry flow

7:00:00 AM 11:59:00 PM

flow back stage 1

Well Name: Peter's Point #16-6D-13-17

Report #:

13

**End Time** 

Description

API: 43-007-31004

Summary: Flow back stage 1

Ops Date: 8/29/2005

7:00:00 AM

FCP 2 psi on 22 ck dry flow

11:59:00 PM

flow back stage 1

CONFIDENTIAL

### REGULATORY COMPLETION SUMMARY

1



Well Name: Peter's Point #2-36D-12-16

API: 43-007-31010

Area: Nine Mile Canyon

Ops Date: 9/4/2005

Summary:

Report #:

End Time

Description

Enter the description here

Well Name: Peter's Point #2-36D-12-16

API: 43-007-31010

Area: Nine Mile Canyon

Ops Date: 9/3/2005

Summary: Well hook-up

Report #:

End Time

Description

.

CONFIDENTIAL

Form 3160-5 (February 2005)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

5.	Lease Serial No.
	UTU 0744
6.	If Indian, Allottee or Tribe Name

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160 - 3 (APD) for such proposals.				6. If Indian, Allottee or Tribe Name n/a			
SUBMIT IN TR	IPLICATE- Other inst	tructions on rev	erse side.		or CA/Agreement, Name and/or No.		
1. Type of Well Gas Well Other					8. Well Name and No.		
2. Name of Operator BILL BARR	FTT CODPODATION				s Point Unit #16-6D-13-17		
3a Address		3b. Phone No. (inch	ıde area code)	9. API W 43007			
1099 18th Street, Suite 2300, D		303-312-8168			nd Pool, or Exploratory Area s Point/Exploratory		
4. Location of Well (Footage, Sec.,					or Parish, State		
700' FNL, 2439' FWL, Lot 3, 1	NES W, Sec. 6-1135-R17E (SI	nL)		Carbo	n, UT		
12. CHECK A	PPROPRIATE BOX(ES) TO	INDICATE NATU	JRE OF NOTICE,	REPORT, O	R OTHER DATA		
TYPE OF SUBMISSION		T	YPE OF ACTION				
Notice of Intent	Acidize	Deepen		(Start/Resume)	Water Shut-Off		
	Alter Casing Casing Repair	Fracture Treat  New Construction	Reclamation Recomplete		Well Integrity  ✓ Other Weekly Activity		
Subsequent Report	Change Plans	Plug and Abandon			Reports		
Final Abandonment Notice	Convert to Injection	Plug Back	Water Dispo				
	N ACTIVITY REPORT FRO						
I4. Thereby certify that the foreg	going is true and correct		· ·				
Name (Printed/Typed)  Matt Barber		Title	Contract Permit A	nalvet for the D:	II Recrett Corn		
<del></del>		Title .	Contract Permit Al	naiyst for the bi	ii Barrett Corp.		
Signature Matt C	<u> </u>	Date		09/22/2005			
	THIS SPACE FOR	FEDERAL OR	STATE OFFIC	EUSE			
Approved by			Title	1	Date		
Conditions of approval, if any, are a certify that the applicant holds legal which would entitle the applicant to	or equitable title to those rights i conduct operations thereon.	in the subject lease	Office				
Title 18 U.S.C. Section 1001 and Title	43 U.S.C. Section 1212, make it a	a crime for any person l	cnowingly and willful	lly to make to any	y department or agency of the United		

(Instructions on page 2)

RECEIVED

#### REGULATORY COMPLETION SUMMARY

33

32

31



Well Name: Peter's Point #16-6D-13-17

Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

SI

Area: Nine Mile Canyon

Ops Date: 9/18/2005

Report #:

End Time

Description

Summary: SI

API: 43-007-31004

Area: Nine Mile Canyon

Ops Date: 9/17/2005 Summary: Rig down

Report #:

**End Time** 

Description

7:00:00 AM

Enter the description here

8:30:00 AM

Rig down Pulling unit,

Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

Area: Nine Mile Canyon

Ops Date: 9/16/2005

Report #:

**End Time** 

Description

Summary: Swab test Price River 7690'/ 7698'. Lay down tbg. ND/NU BOP. FRAC Valve

7:00:00 AM

TBG PSI 0 CSG 725 PSI

10:30:00 AM

RIH with swab. Fluid @5000' swab 8 bbls. RIH Well started flowing

flowed 8.5 bbls. RIH well dry.

12:00:00 PM

RIH swab on fluid level recovered 3/4 bbls. RIH with swab on fluid

level recovered 11/4 total bbls swabed back 18.5

12:30:00 PM

Rig swab equip. down

4:30:00 PM

5:30:00 PM

TOOH laying down 23/8" TBG 248 jts

ND BOP NU Frac Valve SWIFN 5:30:00 PM

**SWIFN** 

Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

Area: Nine Mile Canyon

Ops Date: 9/15/2005

@ 7690

Report #:

End Time

Description

Summary: SITP 0, SICP 850 swab test. Price River

7:00:00 AM

SITP 0, SICP 850,

8:00:00 AM

RIH with swab FL. @ 4100 ft.

11:00:00 AM

Swab 23.5 BBLS in 6 runs.

12:00:00 PM

Flow well to tank recovered 9.5 bbls.

12:30:00 PM

RI with swab no fluid level recovered 3/4bbls. RIH with swab no fluid

level recovered 1/2 bbls.

4:00:00 PM

RIH with swab no fluid level dry. RIH with swab recovered 1/4 bbl. RIH with swab recovered 1/4 bbi. RIH recovered 1/4 bbl. RIH recovered 1/4 bbl. RIH recovered 1/4 bbl. RIH recovered 1/4 bbl. RIH with swab no fluid DRY. Total BBLS swabed 35 Total runs 14

4:00:00 PM

Leave TBG open to tank CSG Shut in with 300 psi.



Well Name: Peter's Point #16-6D-13-17 API: 43-007-31004 Area: Nine Mile Canyon Ops Date: 9/14/2005 Report #: **End Time** Description Summary: SICP 200 SITP 300.RU foam unit clean 7:00:00 AM SICP 200. SITP 300 blow down tbg. out. swab test 9:00:00 AM RU Swab fluid level @ 1200 ft. 10:00:00 AM Rig Weatherford foaming unit start circ. unload casing recovered 165 bbls. 12:00:00 PM Clean out from 7720 ft. to 7845 120 ft sand. clean up on bottom for 1 hour recovered 80 bbls 1:00:00 PM lay down tbg EOT @ 7685, let well blow down 3:00:00 PM rig swab didnt tag fluid made three swab runs recovered 1/4 bbl. fluid. light blow from tbg 11:59:00 PM flow tbg to rig tank over night SICP 200 psi. Well Name: Peter's Point #16-6D-13-17 API: 43-007-31004 Area: Nine Mile Canyon Ops Date: 9/13/2005 Report #: End Time Description Summary: SICP 200 psi. MIRU Duco WSU. PU. 7:00:00 AM SICP 200 TBG, tag fill MIRU Duco WSU 9:00:00 AM 10:00:00 AM Pump top kill ND frac valve. NU BOPs, rig work floor 12:00:00 PM move tbg unload on seals 6:00:00 PM PU 23/8 notched collar 1 jt. XN nipple 1 JT. X nipple tally & rabbit tbg. PU off seals 149 joints tag fill @ 7735. (37 ft. below bottom perf @ 7698) 6:00:00 PM pickup above perfs SIWFN

Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

Area: Nine Mile Canyon

Ops Date: 9/12/2005

Report #:

27

**End Time** 7:00:00 AM Description

Summary: SICP 200 psi.

SICP 200 psi

12:00:00 AM 12:00:00 AM 12:00:00 AM 12:00:00 AM

Form 3160-5 (February 2005)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 200

#### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5.	Lease Serial No. UTU 0744
6.	If Indian, Allottee or Tribe Name
	n/a

SUBMIT IN TRIPLICATE- Other instructions on reverse side.					7. If Unit or CA/Agreement, Name and/or No.		
1. Type of Well Oil Well	Gas Well Other			8. Well Nar	ne and No.		
2. Name of Operator BILL BARRETT CORPORATION					Peter's Point Unit #16-6D-13-17  9. API Well No.		
3a Address 1099 18th Street, Suite 2300, D	Denver, CO 80202	3b. Phone No. (include 303-312-8168	area code)	430073 10. Field an	d Pool, or Exploratory Area		
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description)		Peter's Point/Exploratory				
700' FNL, 2439' FWL, Lot 3, NESW, Sec. 6-T13S-R17E (SHL)					11. County or Parish, State		
	,	,		Carbon	, UT		
12. CHECK A	PPROPRIATE BOX(ES) TO	INDICATE NATUR	E OF NOTICE, R	EPORT, OF	OTHER DATA		
TYPE OF SUBMISSION		TYI	PE OF ACTION				
Notice of Intent  ✓ Subsequent Report	Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construction	Production (Sta		Water Shut-Off  Well Integrity  ✓ Other  Weekly Activity		
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Abandon Plug Back	Temporarily Ab Water Disposal	andon	Reports		
					ork and approximate duration thereof. as of all pertinent markers and zones.		

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

(Instructions on page 2)

WEEKLY COMPLETION ACTIVITY REPORT FROM 09/19/2005 - 09/25/2005.

<ol> <li>14. 1 hereby certify that the foregoing is true and correct Name (Printed/Typed)</li> </ol>						
Matt Barber	Title	Contract Permit Analyst for the	Bill Barrett Corp.			
Signature Matt Bales	Date	09/28/2005				
THIS SPACE FOR FEDERAL OR STATE OFFICE USE						
Approved by		Title	Date			
Conditions of approval, if any, are attached. Approval of this notice does not warrar certify that the applicant holds legal or equitable title to those rights in the subject lead which would entitle the applicant to conduct operations thereon.	Office					
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.						
(Instructions on page 2)			TO CIVED			

OCT 0 6 2005



Well Name: Peter's Point #16-6D-13-17 API: 43-007-31004 Area: Nine Mile Canyon

Ops Date: 9/25/2005 Report #:

Summary: Flow back stages 2-4. Perf & frac Stage 7:00:00 AM Stages 2-4 FCP 400 psi on 32 ck. recovered 240 bbls in 24 hours

Description

5, Flow back stages 2-5 avg. of 10. BPH 1073 bbls left to recover.

**End Time** 

12:00:00 PM flow back stages 2-4

> rig up Black Warrior to set CFP & Perf Stage 5 Price River. Pickup 1:00:00 PM

composite frac plug and 10 ft. perf gun RIH Correlate to short joint, run to setting depth check depth to casing collar set composite frac plug @ 6760 pull to perf setting check depth to casing collar perforate Price River @ 6678-6688 10 ft. 3JSPF 120 phasing 25

gram. shot .410 hole POOH.

1:30:00 PM rig stinger Wellhead Protection on well, rig Hes Frac Pressure test

pump lines. Safety Meeting.

2:00:00 PM Frac stage 5 Price River 6678-6688. Load Break @ 5654 Rate: 9.8

BPM. Avg. Weilhead Rate:32.6 BPM. Avg. Slurry Rate: 12.64BPM Avg. CO2 Rate: 18.52BPM. Avg. Pressure: 5001psi. Max. Wellhead Rate: 35.73BPM. Max. Slurry Rate:15.19 BPM. Max. CO2 Rate: 22.44BPM. MAx. Pressure: 5803 Psi. Totel Fluid Pumped: 19,421 Gal. Totel Sand In Formation: 84,000LB. (20/40 White Sand) CO2 Pumped: 133Tons CO2 Cooldown:10 Tons. ISIP: 4,353 Frac Gradient: 1.09 ft/psi. 5 min. 3387, 10.min. 3310. 15 min. 3227 (pressure stayed approximately 4900 psi throughout most of the job. pressure increased steadily in stage 4# sand stage. Successfuly flushed wellbore with 50Q foam 30 bbl over flush with

3:00:00 PM Rig down Stinger Wellhead Protection

3:30:00 PM Start flow back stage's 2-5 on 18/64 ck 2900 PSI BBLs to recover

11:59:00 PM flow back stages 2-5

API: 43-007-31004 Well Name: Peter's Point #16-6D-13-17 Area: Nine Mile Canyon

Ops Date: 9/24/2005 Report #: **End Time** Description

Summary: Flow Back Stages 2-4 (wait on CO2 to 7:00:00 AM stages 2-4 FCP 600 psi, on 32 ck, recovered 220 bbl in 11.5 hours

be trucked in.) avg. of 19.13 BPH 1313 bbl left to recover

3:00:00 PM Flow stages 2-4 (wait on CO2 for frac)



Well Name: Peter's Point #16-6D-13-17 API: 43-007-31004 Area: Nine Mile Canyon

Ops Date: 9/23/2005 Report #:

Summary: Flow back stages 2&3. Rig BWWC set 7:00:00 AM Flow back stages 2&3 Price River, FCP 350 psi on 32/64 ck.

CBP & perf stage 4. rig Stinger & Hes recovered 360 bbls in 11.5 hours Avg. of 31.20 BPH 904 bbl left to

recover light mist

End Time

4:00:00 PM flow back stage 2&3 250 psi. on 32 ck. light mist to slugging fluid.

Description

6:30:00 PM Rig Black Warrior, pickup CFP & 4ft. & 6 ft. perf guns. RIH Correlate to short joint run to setting depth check depth to casing collar set HES Composite frac plug @ 7020 ft. pickup to perf depth check depth to casing collar perforate Price River @ 6950-6954 4ft. 3JSPF

120 phasing .410 hole 25 gram shot. pickup perforate @ 6856-6862 6ft. 3JSPF 120 phasing 23 gram shot. .410 holes POOH all shots

fired no problems or sand, turn well over to frac crew.

7:00:00 PM rig Stinger Wellhead protection. rig HES to Frac Price River stage 4.

Pressure test pump lines. safety meeting. Frac Price River 70Q CO2 foam. Load & Break @ 5712 @ 12.4 BPM. Av g. Wellhead Rate: 37.12 BPM. Avg. Slurry Rate: 14.32 BPM. Avg. CO2 Rate: 20.87 BPM. Avg. Pressure: 4921 psi. Max. Wellhead Rate: 41.66 BPM. Max. Slurry Rate: 17.77 BPM. Max. CO2 Rate: 27.24 BPM. Max. Pressure: 5769 psi. Totel Fluid Pumped: 18,782 gal. Totel Sand in Formation: 80,000 LB. (20/40 White Sand) CO2 Downhole: 135 Tons. CO2 Cooldown 10 tons. ISIP: 3638 psi. Frac Gradient: 0.97

psi/ft. trucks kicked out @ 5712 had formation break at same time. pumped job as designed, successfully flushed

8:00:00 PM rig down stinger wellhead prot. turn well to flow back crew.

start flow back stages 2-4. 2800 psi. 18/64 ck. pumped 623 bbl 8:30:00 PM

totel to recover 1533 bbl

11:59:00 PM flow back stage 2-4



Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

Area: Nine Mile Canyon

Ops Date: 9/22/2005

Report #:

37

**End Time** 8:30:00 AM Description

Summary: SI. RDMO WSU. MIRU Stinger, HES

frac, BOC gases. Frac Stages 2&3

9:00:00 AM

move in rig up Stinger Wellhead Prot.

rig down Duco WSU MO.

1:30:00 PM

move in rig up HES Frac equipment, and BOC Gases.

2:10:00 PM

Pressure test pump lines, safety meeting

2:00:00 PM

Frac Stage 2 Price River 70Q Co2 foam frac. load Break @ 4738 @ 8.3 BPM. Avg. Wellhead Rate: 41.9 BPM. Avg. Slurry Rate: 14.6 BPM. Avg. Co2 Rate: 25.3 BPM. Avg. Pressure: 4,741 PSI. Max. Wellhead Rate: 44.25 BPM. Max. Slurry Rate: 17.6 BPM. Co2 Rate: 28.4 BPM. Max Pressure: 5241 PSI, total Fluid pumped: 15,833 gal. Totel Sand in Formation. 60,000 lb (20-40 White Sand) CO2 Downhole: 145 tons. CO2 Cooldown: 10 tons. ISIP:3,448 psi. 5 min.3127. 10 min. 2918. 15 min. 2862. Frac Gradient: 0.91 psi/ft. had no problems, pumped designed sand volume. Successfully flushed wellbore 30 bbl over 50Q CO2 Foam

with 500 gal fluid cap. 5min psi: 10 min PSI: 15 minPSI:

5:30:00 PM

Rig Black Warrior EL. to perf stage 3 Price River @ 7130-7140 pickup 5.5" HES CFP with one 10 ft. perf gun RIH Correlate to short joint, run to depth check depth to casing collar set composite frac plug @7200 pickup to perf depth Perforate Price River @ 7130-7140 3JSPF 120 phasing 25 gram shot .410 holes. POOH all shots fired. RD. turn well over to Stinger and frac crew.

8:00:00 PM

Rig Stinger on well head. Pressure test pump lines. Frac Stage 3 Price River 7130-7140.Break @4400 psi @ 9.5 BPM. Avg Wellhead Rate: 32 BPM. Avg. Slurry Rate: 11.2 BPM. Avg. Co2 Rate: 18.9 BPM. Avg. Pressure: 3908 PSI. Max. Weilhead Rate: 39.7 BPM. Max. Slurry Rate: 36.4 Max CO2 Rate: 26.7 BPM. Max. Pressure: 4400 psi. Totel Fluid Pumped: 21.259 gal. Totel Sand in Formation: 78,000 lb (20/40 White Sand) CO2 Downhole: 164 tons. CO2 Cooldown: 10 tons. ISIP: 3,172 psi. 5 min: 2891, 10 min. 2869. 15 min. 2835. Frac Gradient: 0.89 psi/ft. problems in stage 1 sand stage, there was a problem with mountain mover door would not

open had to shut down frac to restart . successfully

9:00:00 PM

rig down Stinger Wellhead Prot.

9:00:00 PM

start flow back on stages 2&3 18/64 ck. 2800 psi 1264 bbl to

recover

11:59:00 PM

flow back stages 2&3

Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

Area: Nine Mile Canyon

Ops Date: 9/21/2005

Report #:

**End Time** 

Description

Summary: SI. MIRU BWWC EL. set CIBP & Perf

4:00:00 PM

MIRU BWWC EL.

stage 2.

6:00:00 PM

Pickup CIBP And one 2 ft. & 6 ft. perf gun . RIH correlate to short joint run to setting depth check depth to casing collar . set 51/2 CIBP @ 7600 ft. PU to perf depth check depth to casing collar Perforate Price River @ 7335-7337 3 JSPF 120 deg. phasig 25 gram shot .410 hole PU Shot @ 7271-7277 3JSPF 120 phas. 25 gram. point

410 hole POOH all shots fired.

6:00:00 PM

rig down equip, for frac equipment to move in.



Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

Area: Nine Mile Canyon

Ops Date: 9/20/2005

Report #:

35 Fn

End Time

Description

Summary: SI

SI

Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

Area: Nine Mile Canyon

Ops Date: 9/19/2005

Report #:

34 End Time

Description

Summary: SI

SI

Form 3160-5 (February 2005)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

5.	Lease Serial No.	
	HTH 0744	

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE- Other instructions on reverse side.  1. Type of Well	7. If Unit or CA/Agreement, Name and/or No.  PETER'S PONT UNIT  8. Well Name and No. Peter's Point Unit #16-6D-13-17  9. API Well No. 4300731004  10. Field and Pool, or Exploratory Area Peter's Point/Exploratory	
2. Name of Operator BILL BARRETT CORPORATION  3a. Address 1099 18th Street, Suite 2300, Denver, CO 80202  3b. Phone No. (include area code) 303-312-8168  4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 700' FNL, 2439' FWL, Lot 3, NESW, Sec. 6-T13S-R17E (SHL)	Well Name and No.     Peter's Point Unit #16-6D-13-17      API Well No.     4300731004      10. Field and Pool, or Exploratory Area	
3a. Address 1099 18th Street, Suite 2300, Denver, CO 80202 3b. Phone No. (include area code) 303-312-8168 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 700' FNL, 2439' FWL, Lot 3, NESW, Sec. 6-T13S-R17E (SHL)	9. API Well No.     4300731004      10. Field and Pool, or Exploratory Area	
1099 18th Street, Suite 2300, Denver, CO 80202 303-312-8168  4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 700' FNL, 2439' FWL, Lot 3, NESW, Sec. 6-T13S-R17E (SHL)	10. Field and Pool, or Exploratory Area	
700' FNL, 2439' FWL, Lot 3, NESW, Sec. 6-T13S-R17E (SHL)	Peter's Point/Exploratory	
.1) CUECK ADDDODDIATE DOV(ES) TO INDICATE MATURE OF NOTICE	Peter's Point/Exploratory  11. County or Parish, State  Carbon, UT	
12. CHECK AFFROFRIATE DON(ES) TO INDICATE INTOKE OF NOTICE,	REPORT, OR OTHER DATA	
TYPE OF SUBMISSION TYPE OF ACTION		
Acidize Deepen Production (  Alter Casing Fracture Treat Reclamation  ✓ Subsequent Report Casing Repair New Construction  — Change Plans Plug and Abandon  — Temporarily  — Convert to Injection Plug Back Water Dispose	Well Integrity  ✓ Other First Sales	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

THIS SUNDRY IS BEING SUBMITTED AS NOTIFICATION OF FIRST SALES ON 09/30/2005.

<ol> <li>I hereby certify that the foregoing is true and correct Name (Printed/Typed)</li> </ol>						
Matt Barber	Title Contract Pe	ermit Analyst for BBC				
Signature Matt Coulm	Date	10/03/2005				
THIS SPACE FOR FEDERAL OR STATE OFFICE USE						
Approved by	Title	Date				
Conditions of approval, if any, are attached. Approval of this notice does not warrar certify that the applicant holds legal or equitable title to those rights in the subject leawhich would entitle the applicant to conduct operations thereon.						

(Instructions on page 2)

Form 3160-5

## **UNITED STATES**

FORM APPROVED
OM B No. 1004-0137
Expires: March 31 2007

	DEPARTMENT OF THE BUREAU OF LAND MAN			Expires: March 31, 2007
SUNDRY Do not use to	NOTICES AND REI	enter an	Lease Serial No.     UTU 0744      If Indian, Allottee or Tribe Name	
<u></u>	vell. Use Form 3160 - 3 (		-	n/a 7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well	GasWell ☐ Other	ructions on rever	se side.	PETER'S PONT UNIT
2. Name of Operator BILL BARK	8. Well Name and No. Peter's Point Unit #16-6D-13-17  9. API Well No.			
3a. Address 1099 18th Street, Suite 2300, I		3b. Phone No. (include 303-312-8168	area code)	4300731004  10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description)		_	Peter's Point/Exploratory
700' FNL, 2439' FWL, Lot 3,	NESW, Sec. 6-T13S-R17E (SH	IL)		11. County or Parish, State  Carbon, UT
12. CHECK A	PPROPRIATE BOX(ES) TO	INDICATE NATUR	E OF NOTICE, RE	EPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYF	PE OF ACTION	
Notice of Intent  ✓ Subsequent Report  ☐ Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Star Reclamation Recomplete Temporarily Aba Water Disposal	Well Integrity  ✓ Other  Weekly Activity
13. Describe Proposed or Complete	ted Operation (clearly state all pertin	nent details, including estir	nated starting date of any	proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

WEEKLY COMPLETION ACTIVITY REPORT FROM 09/26/2005 - 10/02/2005.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)							
Matt Barber	Title	Contract Permit Analyst for the	Bill Barrett Corp.				
Signature Watt Bahr	Date	10/06/2005					
THIS SPACE FOR FEDERAL OR STATE OFFICE USE							
Approved by		Title	Date				
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office					
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.							

(Instructions on page 2)

**RECEIVED** 

COT 13 2003



Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

Area: West Tavaputs

Ops Date: 10/2/2005

Report #:

**End Time** 

Description

Summary: Production

7:00:00 AM

production 1350 psi on 25 ck. 2.4 MCFD

Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

Area: West Tavaputs

Ops Date: 10/1/2005

Report #:

46

47

**End Time** 

Description

Summary: Flow Back Stages 2-9. Sales @ 5 PM

7:00:00 AM

Stages 2-9 FCP 1250 on 28 ck. recovered 240 bbls in 24 hours avg.

of 10 BPH 1916 bbls left to recover

5:00:00 PM

flow back stage 2-9

5:45:00 PM

put casing to sales 5:45 PM on 29 ck 2.8 MCFD

Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

Area: West Tavaputs

Ops Date: 9/30/2005

Summary: Flow back stages 2-9

Report #:

45

**End Time** 7:00:00 AM Description

Stages 2-9 FCP 1425 on 28 ck. recovered 270 bbls in 12.5hours avg. of 21.6 BPH.  $\,$  2156 bbl left to recover.

12:00:00 PM

flow back stages 2-9 28/64 ck. CO2 test %



Ops Date : 9/29/2005 Report # : 44 End Time

Summary: Flow back stages 2-7. BWWC perf stage

8 set CFP. rig stinger Wellhead Prot. frac

Stage 8. Set CFP & Perf stage 9, Frac

39. flow back stages 2-9

d Time Description

7:00:00 AM Flow Back stages 2-7 CP 1200 psi on 34 ck. recovered 290 bbls in

19 hours Avg. of 15.26 BPH 1612 bbl left to recover,

8:30:00 AM BWWC, Stage 8 North Hom pick up HES 51/2 composite frac plug

one 6 ft. and one 4 ft. perf guns RIH correlate to short joint run to setting depth set CFP @ pickup to perf depth check depth to casing collar perforate @ 6272-6278 3 JSPF 120 phasing 25 gram shot .410 hole pickup to next setting check depth perforate @ 6220-6224

3 JSPF 120 phasing 25 gram shot .410 hole POOH

8:30:00 AM BOC transport stuck on Peters wait for Cat to pull truck up MTN.

10:00:00 AM Rig Stinger Wellhead Protection on well.

10:00:00 AM rig HES Frac. Pressure Test pump lines. Safety Meeting

11:00:00 AM Stage 8 frac 70Q CO2 Foam. Load & Break @ 5263 @ 11.7 BPM.

Avg. Wellhead Rate: 41.BPM. Avg. Slurry Rate: 15.4 BPM. Avg. CO2 Rate:24.2 BPM. Avg. Pressure: 5214 PSI. Max. Wellhead Rate:44.4 BPM. Max. Slurry Rate: 20.1BPM. Max. Co2 Rate:28.8 BPM. Max. Pressure: 5570 PSI. Totel Fluid Pumped: 13,024 gal. Totel Sand in Formation: 42,800 Lb. (20/40 White Sand) CO2 Downhole: 90tons. CO2 Cooldown: 10tons ISIP: 3,760 Frac Gradient: 1.04 psi/ft. 5 min. 3220 10 min.3126 15 min. 3076 successfully flushed wellbore with 50Q Foam 30 bbl over flushed

2:30:00 PM waiting on CO2 trucks need three more loads to do stage 9

3:30:00 PM Rig BWWC stage 9. pickup 6 ft. perf gun and composite frac plug

RIH Correlate to short joint run to setting depth check depth to casing collar . set CFP @ 5760 pickup to perf depth perforate North Horn @ 5698-5704 3 JSPF 120 phasing 25 gram shots .410 hole.

POOH turn well over to frac crew.

4:00:00 PM rig Stinger on well

5:30:00 PM Stage 9 North Horn 70Q CO2 Foam Frac. Load & Break 3600 psi.

Avg. Wellhead Rate: 20.9 BPM. Avg. Slurry Rate: 8.24 BPM. Avg. CO2 Rate: 11.4 BPM. Avg. Pressure: 3545 PSi. Max. Wellhead Rate: 22.47 BPM. Max. Slurry Rate: 10.49 BPM. Max. CO2 Rate: 13.62 BPM. Max. Pressure: 3809 PSI. Totel Fluid Pumped: 9,418 gal. Totel Sand in Formation: 33,000 lb. (20/40 White Sand) CO2 Downhole: 68 tons CO2 Cooldown: 3 tons ISIP: 2,973 PSI. Frac Gradient: 0.96 psi/ft. 5 min. 2861 10 min. 2836 15 min. 2824 Successfully flushed wellbore with 50 Q foam 30 bbl over flush with

500 gal fluid cap.

5:30:00 PM Start flow back on 18/64 ck.2600 psi. 2467 bbl to recover



Ops Date: 9/28/2005 Report #: 43 End Time Description

Summary: Flow back stage 2-6. RU BWWC set CFP 7:00:00 AM Stages 2-6 FCP 1050 on 28/64 ck 16 hours of flow time recovered

& Perf Stage 7, Rig Hes & BOC Gases. 350 bbls. Avg. of 21.87 BPH. 1475bbls left to recover. heavy mist

Frac, Flow back light trace of sand at times.

8:30:00 AM Rig BWWC. Stage 7 North Horn pickup HES Composite frac plug with 10 ft. perf gun. RIH Correlate to short joint run to setting depth

check depth to casing collar set HES 51/2 frac plug @ 6450 pickup to perf depth check depth to casing collar Perforate North Hom @

6386-6396 3JSPF 120 phasing .410 hole 25 gram.

9:00:00 AM rig Stinger Wellhead Protection on well head.

9:00:00 AM rig HES frac pressure test pump lines

10:00:00 AM 70Q CO2 Foam Frac Stage 7 North Horn: load Break @5187 @ 7.4

BPM. Avg. Wellhead Rate:22.3 BPM. Avg. Slurry Rate:9.4 BPM. Avg. CO2 Rate:12 BPM. Avg. Pressure: 3192 PSI. Max. Wellhead Rate:26 BPM. MAx. Slurry Rate: 10.6BPM. Max. CO2 Rate:15.7 BPM. Max Pressure: 5188 PSI Totel Fluid Pumped: 12,372 Gal. Totel Sand In Formation:42,100 LB. (20-40 White Sand) CO2 Downhole: 75Tons. CO2 Cooldown: 8 tons. ISIP: 2,863 psi. Frac Gradient: 0.89 psi. 5 Min.2625 10 Min.2471 15 Mln. 2471 no problems with Elc, or equipment. Successfully Flushed Wellbore

with 50Q Foam 30 bbl over flush with 500 gal fluid cap.

10:15:00 AM start flow back stage's 2-7 18/64 ck PSI pumped 427 bbl totel of

1902 bbl to recover.

11:00:00 PM flow back stages 2-7



Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

Area: West Tavaputs

Ops Date: 9/27/2005

Report #:

**End Time** 

Description

Summary: Flow Back, Set CBP &perf stage 6. rig

Stinger Wellhead Prot. Rig BOC Gases.

HES frac . Frac Stage 6.

7:00:00 AM

Flow back Stages 2-5 FCP 600 32 ck recovered 240 bbl Avg. 10

BPH 1185 BBL left to recover heavy mist

10:00:00 AM

flow back stages 2-5 SI for EL work.

1:00:00 PM

Rig Black Warrior EL. pickup 51/2 composite frac plug two 5ft. perf guns.Stage 6 Price River. RIH Correlate to short joint run to setting depth cheack depth to casing collar set composite frac plug @ 6620 pickup to perf depth check depth to casing collar perf@ 6569-6574(perf gun didnt. fire) POOH check guns, lower gun fired

bad switch cause of upper gun not going off.repair gun RIH Correlate to short joint run to depth perf @ 6526-6531 3JSPF 120 phasing 25 ram shots .410 hole. POOH tum well over to Stinger Wellhead Prot.

1:30:00 PM

rig Stinger wellhead Protection on well. Pressure test pumplines.

Safety Meeting.

1:45:00 PM

Stage 6 Price River @ 6526-6574. 70 Q CO2 Foam frac. load Break @ 4589 Rate: 11.6 BM. Avg. Wellhead Rate: 43.83 BPM. Avg. Slurry Rate: 17.63 BPM. Avg. CO2 Rate:24.16 BPM. Avg. Pressure: 4636PSI. Max. Wellhead Rate: 46.11BPM. Max. Slurry Rate: 21.04BPM. Max. CO2 Rate: 28.4BPM. Max. Pressure: 4824 PSi. Totel Fluid Pumped: 19,254 Gal. Totel Sand in Formation: 85,000LB. (20/40 White Sand) Co2 Downhole :130Tons. CO2 Cooldown:10Tons. ISIP:3,597 PSI. Frac Gradient: 0.99 . psi/ft. 5Min: 3408. 10 min. 3262. 15 min. 3205. Flushed wellbore successfully with 50Q Foam 30 bbl over flushed. Shut in rigged down Stinger Wellhead prot. turn well over to flow back crew.

3:00:00 PM

started Flow back 2900 psi on 18/64 ck. 1825 bbl to recover

11:59:00 PM

flow back stages 2-6

Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

Area: West Tavaputs

Ops Date: 9/26/2005

Report #:

41

**End Time** 

Description

Summary: Flow back stages 2-5

7:00:00 AM

Flow back stages 2-5 FCP 700 psi on 32 ck recovered 290 bbl in

15.5 hours Avg. 18.7 BPH 1425 bbl left to recover heavy mist.

11:59:00 PM

flow back stages 2-5

Form 3160-5 (February 2005)

### UNITED STATES DEPARTMENT OF THE INTERIOR

CONFIDENTIAL

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

BUREAU OF LAND MANAGEMENT					Explica. Ivilian 1.11, 2007			
					5. Lease Serial No. UTU 0744			
SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to re-enter an					~	6. If Indian, Allottee or Tribe Name		
abandoned well. Use					n/a	I, Another of The Maine		
SUBMIT IN TRIPLICA	ATE- Other instr	uctions on re	verse	side.		r CA/Agreement, Name and/or No. R'S PONT UNIT		
1. Type of Well Gas W	ell Other					ame and No.		
2. Name of Operator BILL BARRETT CO	RPORATION				Peter's	s Point Unit #16-6D-13-17 ell No.		
3a Address 1099 18th Street, Suite 2300, Denver, Co	O 80202	3b. Phone No. (in 303-312-8168	clude are	ea code)	430073 10. Field at	31004 nd Pool, or Exploratory Area		
4. Location of Well (Footage, Sec., T., R., M.,	or Survey Description)				Peter's	S Point/Exploratory		
700' FNL, 2439' FWL, Lot 3, NESW, S	ec. 6-T13S-R17E (SH	L)			II. County	or Parish, State		
					Carbo	n, UT		
12. CHECK APPROPR	IATE BOX(ES) TO	INDICATE NA	TURE	OF NOTICE,	REPORT, OF	R OTHER DATA		
TYPE OF SUBMISSION			TYPE (	OF ACTION				
Notice of Intent  Subsequent Report  Ai	cidize  Iter Casing  Ising Repair  Itange Plans	Deepen Fracture Treat New Construct Plug and Aband		Production (S Reclamation Recomplete Temporarity A		Water Shut-Off Well Integrity Other Weekly Activity Reports		
Final Abandonment Notice	onvert to Injection	Plug Back	~~ Ē	Water Disposal				
13. Describe Proposed or Completed Operation If the proposal is to deepen directionally on Attach the Bond under which the work with following completion of the involved operatesting has been completed. Final Abando determined that the site is ready for final in WEEKLY COMPLETION ACTIV	r recomplete horizontally ill be performed or provid- ntions. If the operation re- nument Notices must be f repection.)  ITY REPORT FROM	, give subsurface lo the Bond No. on esults in a multiple of iled only after all rea	cations an file with I completion puirement	nd measured and tr BLMBIA. Requirent or recompletion is, including reclar	ue vertical depth red subsequent r in a new interva	ns of all pertinent markers and zones, reports must be filed within 30 days al, a Form 3160-4 must be filed once		
14. I hereby certify that the foregoing is tr Name (Printed/Typed)	ue and correct							
Matt Barber		Title	Contr	act Permit Anal	lyst for the Bil	l Barrett Corp.		
Signature - Matt Baller		Date	; 	1	0/24/2005			
THIS	SPACE FOR F	EDERAL OF	STA	TE OFFICE	USE			

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to anymatter within its jurisdiction RECEIVED

Title

Office

(Instructions on page 2)

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease

which would entitle the applicant to conduct operations thereon.

NOV 07 2005

Date



API: 43-007-31004 Area: West Tavaputs Well Name: Peter's Point #16-6D-13-17 Ops Date: 10/18/2005 Report #: End Time Description Summary: Land tbg on hanger 5610 KB ND/NU Tree **SICP 1700** 7:00:00 AM and flow lines. RDMO WSU 12:00:00 PM Land Tbg. on hanger, tubing in well: 178 joints 23/8 N-80 EUE 5531.42 ft., 23/8 X nipple, it. 179 23/8 EUE, XN nipple, JT.# 180 23/8 EUE N-80, Weatherford pumpoff bit sub. landed @ 5610.20 KB on Wellhead Inc. tbg. hanger. 43/4 smith bit with Weatherford pumpoff sub @ 7598. 1:30:00 PM Rig down WSU 1:30:00 PM turn well over to production. Well Name: Peter's Point #16-6D-13-17 API: 43-007-31004 Area: West Tavaputs Ops Date: 10/17/2005 Report #: End Time Description Summary: Drill CFP clean out to PBTD, lay down **SICP 1700** 7:00:00 AM tbg to landing. 1:00:00 PM RIH tage sand @ 6990 sand 10 ft. on plug. drill out sand and drill CFP@ 7020 6:00:00 PM push plug to 7165 set on 45 ft. fill drill 1/2 of CFP # 5 drill down to CFP #6 @ 7200 ft. hard drilling hard to turn tbg. slow drilling. 7:00:00 PM push plug in rat hole clean out to PBTD 7600 ft clean up hole 8:00:00 PM POOH lay down 64 jonts to 5600 ft. 9:00:00 PM SIFN Well Name: Peter's Point #16-6D-13-17 API: 43-007-31004 Area: West Tavaputs Ops Date: 10/16/2005 Report #: **End Time** Description Summary: Pickup 43/4 cone bit, sub, nipples. tbg. 12:00:00 PM SICP 200 psi. Pickup Smith tricone Bit with Weatherford pumpoff bit drill CFP sub one joint XN nipple one jt. X nipple tally in hole with 23/8 N-80 tbg 178 totel joints tag @ 5557 clean out to 5560 drill kill plug rig power swivel, start Weatherford foam unit, swivel in hole to CFP 1:00:00 PM @ 5760. install string float between joint 180 and 181 12:30:00 PM drill out CFP @ 5760 sand cutting out flow equipment, valves chokes, changing out as needed. foam unit pressured up to 1400 psi, FCP 1000 psi, shut down Air started pumping KCL water 5:00:00 PM swivel in hole to 6330 drill CFP, swivel in hole to plug #3, drill CFP @ 6620

6:00:00 PM

7:00:00 PM

drill out part of plug #3 clean up well . rig back power swivel, POOH

to float valve @ 5600 ft. shut in well for night

Report by Wellcore



November 03, 2005 08:15 AM

Well Name: Peter's Point #16-6D-13-17 API: 43-007-31004 Area: West Tavaputs Ops Date: 10/15/2005 Report #: End Time Description Summary: RIH With fishen tools to fish Black 1:00:00 PM Pickup Weatherford fishen tools, 43/4 over shot with ext.. on over Warrior EL Tools off CBP @ 5540. fish shot manual bumper sub with HYd. jars. tally tub pickup off ground tools. POOH with fish. seals RIH tag sand fill @ 5534. 6 ft of sand fill over EL tools. 2:00:00 PM rig Weatherford foam unit, start air and foam unload casing, try to latch on EL tools couldnt make hole over fish top. 2:30:00 PM rig up power swivel, circ. and work fishen tools over El tools, clean casing of sand. start jaring on tools. jared 23,000 # over string weight to part EL tools from CBP. had tojar 10 times @ 20,000 #s over to free tools. 3:00:00 PM free tools circ hole with air and foam clean up hole. 4:00:00 PM shut down foam and air. POOH with tbg and EL tools, lay down Weatherford fishen tools and Warrior El tools. lay down tools and 6:30:00 PM Pickup 43/4 Varel tricone bit with weatherford pumpoff bit sub one joint 23/8 n-80 tbg. XN nipple one joint X nipple RIH to 5400 ft. 85 stands tbg. 5:00:00 PM Shut in well for night Well Name: Peter's Point #16-6D-13-17 API: 43-007-31004 Area: West Tavaputs Ops Date: 10/14/2005 Report #: End Time Description Summary: Production. RDMO Hes Coil tbg and N2. 10:32:00 AM RDMO HES Coil TBg and N2 equipment. MIRU Black Warrior EL. RIH Set CBP. 1:30:00 PM MI Duco Well Service Unit and Equipment. 4:30:00 PM Black Warrior EL. on Loc, wait for pressure control equipment to run bridge plug, didnt bring with them, hot shot Lub, from town. 6:00:00 PM Rig black warrior EL . pickup 51/2 solid HES CBP. RIH tag sand @ 5540 stuck in sand couldnt pickup tools flow well try to free tools. couldnt free tools, set CBP 5540. EL tool didnt shear off plug. worked El try to pull out of cable head, could not part cable head. hook rig blocks to EL line to part EL line from cable head. POOH with EL no tools . approx. 6 inc. of EL line on cable head. 7:00:00 PM Shut in for night Well Name: Peter's Point #16-6D-13-17 API: 43-007-31004 Area: West Tavaputs Ops Date: 10/13/2005 58 Report #: End Time Description Summary: Production Enter the description here Well Name: Peter's Point #16-6D-13-17 API: 43-007-31004 Area: West Tavaputs Ops Date: 10/12/2005 Report #: 57 End Time Description Summary: Production Enter the description here Well Name: Peter's Point #16-6D-13-17 API: 43-007-31004 Area: West Tavaputs Ops Date: 10/11/2005 Report #: 56 **End Time** Description Summary: Production Enter the description here



Well Name: Peter's Point #16-6D-13-17

API: 43-007-31004

Area: West Tavaputs

Ops Date: 10/10/2005

Report #:

55 End Time

Description

Summary: Production

Enter the description here

Form 3160-4 (April 2004)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

## Bill Barrett Corporation CONFIDENTIAL

FORM APPROVED OMB NO. 1004-0137 Expires: March 31, 2007

	WELL	COMF	PLETI	ON OR	RECOMPLET	ION	REPOR	T AN	D LOG		5	Lease S		
la. Type of b. Type of	_	[	New		Dry Oth Work Over		n Plu	g Back	Diff.	Resvr,	- 1	N/A Unit or		or Tribe Name
2. Name of	Operator	Bill Barı	rett Co	orporation						N_	8	Lease 1	Vame and V	
3. Address	1099 18t	h Street,	Suite 2	2300				ne No. 3-312-	(include are 8168	a code,			7-31004	
4. Location	n of Well (R	eport loca	ation cle	early and in	accordance with F	ederal r	requiremen	ts)*			10			Exploratory
At surfa	Lot	-,	·	439' FWL, <i>969</i>	1265						11	I Sec T	R M or	a Block and Sec. 6, T13S, R17E
	55	-9 6	42	'981' FSL, EL, SESE	1,268' FEL, SES	SE					12		or Parish	13. State
At total		o rat, u		ate T.D. Rea	oched		16. Date Co	omplete	d 10/18/	2005	17			RKB, RT, GL)*
14. Date Sp 04/29/			15. 1	06/01/2005			D &	•	✓ Ready 1		l	6728'		
18. Total D		8,191'		19.	Plug Back T.D.:	MD 7	,600'		20. Dept	h Bridg	ge Plug Se	t: MD	•	7,600' (CIBP)
	•	7,647				TVD 7	,056'					TVE	,	7,056' (CIBP)
21. Type E			hanical	Logs Run (	Submit copy of ea	ch)				well co		No _		mit analysis)
• • •			-		Black Warrior (		R/CCL		1	DST r		No [	J. /	mit report) Submit copy)
									Dire	ctional	Survey?	√ No	P1 es (s	submit copy)
Hole Size	Size/Grade		#/ft.)	Top (MD)	Bottom (MD)	1 -	Cementer epth		of Sks. & of Cement		rry Vol. BBL)	Cement	Top*	Amount Pulled
12 1/4"	9 5/8 J5	5 36#		Surface	1,031'			240	HL Prem	79	bbls.	0		
									Гуре G		bbls.			
8 3/4"	5.5 N80	17#		Surface	8,170'	ļ		1635	50/50Po	434	bbls.	475'		
_						ļ								
		_												
24. Tubing	Record											.,		
Size	Depth S	Set (MD)	Packer	Depth (MD	) Size	Deptl	h Set (MD)	Packer	Depth (MD	9	Size	Depth	Set (MD)	Packer Depth (MD)
2 3/8"	5,610'					26	Perforation	n Pagar	À					
25. Produc	Ing Intervals	S		Тор	Bottom	26.	Perforated			Size	No.	Holes		Perf. Status
A) Nortl	1 Horn		_	5698'	6396'	7.69	0' - 7,698'			42"	24	*****	Closed	(CIBP set)
	River			6526'	7337'	+	1'- 7,337'		0.	42"	24		Open	
C)						7,13	0' - 7,140'		0.	42"	30		Open	
D)						(con	tinued see	attac	ımnt)					
27. Acid, F	racture, Tre	atment, Ce	ement S	queeze, etc.					1 m (	2.6				
	Depth Intervo	al			foam frac: 70 to				and Type of			vo cond		
7,690' - '				70% CO2	foam frac: 70 to	one CC	2; 170 bbs )2· 309 bb	ls of I	GC 6, 60.0	00# 2	0/40 Otta	wa sand		
7,271' - '				70% CO2	foam frac: 164 t	ons CC	)2; 399 bb	ls. of L	GC 6, 78,0	000# 2	0/40 Otta	wa sand		
	ed see atta	chment)												
	ction - Inter										15.7			
Date First Produced	Test Date	Hours Tested	Test Produc	tion BBL		Water BBL	Oil Gra Corr. A	avity API	Gas Gravi	у	Production	Method		
09/30/2005	10/31/2005	24	-	18		11					Flowing			
Choke	Tbg. Press.	Csg.	24 Hr.	Oil BBL		Water BBL	Gas/Oi Ratio	ì	Well S	atus				
Size 26/64	Flwg. Sl 818	Press. 1268	Rate	18	1 1	11					Produci	ng 		
	uction - Inte													
Date First Produced	Test Date	Hours Tested	Test Product	1		Water BBL	Oil Gra Con: A		Gas Gravity		Production	Method		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate			Water BBL	Gas/Oi Ratio	l	Well St	atus				
DIEC	SI			<b>▶</b> │								P	RECE	IVED

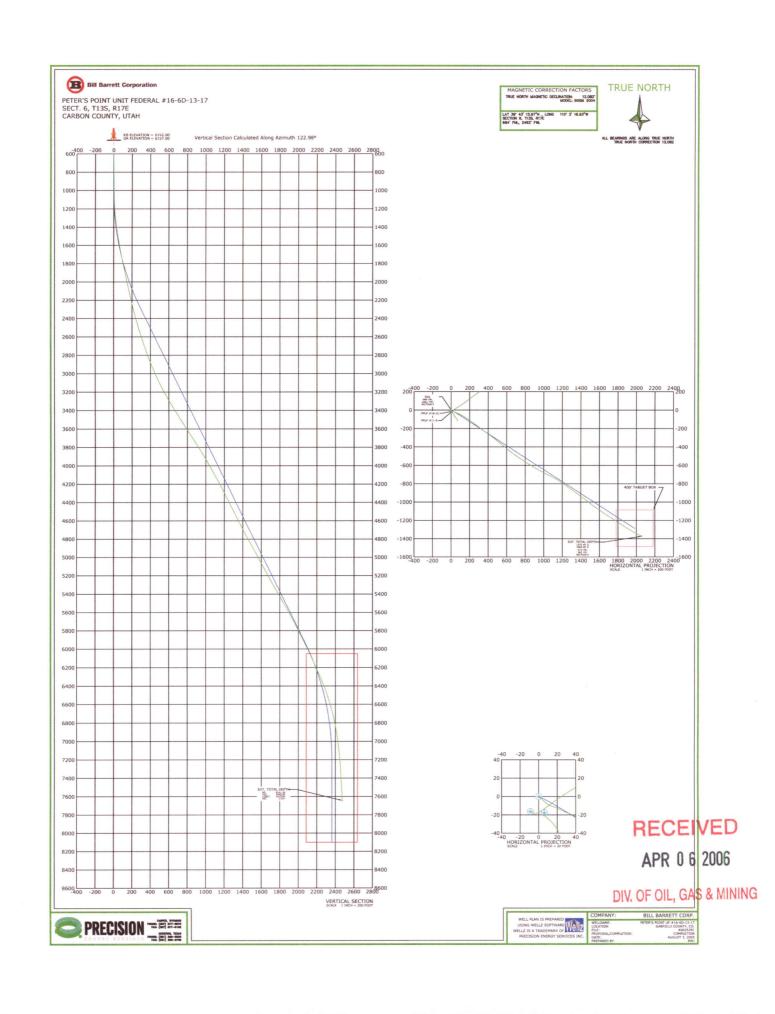
\*(See instructions and spaces for additional data on page 2)

FEB 0 1 2006

3b. Produ	ction - Inte	rval C								
ate First roduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
noke ze	Tog. Press. Flwg. Sl	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
c Prod	uction - Inte	erval D								
ate First oduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
noke ze	Tbg. Press. Flwg. Sl	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
). Disp	1	as (Sold, i	used for fuel	vented, et	c.)					
Solo							<u></u>	<del></del>		
Shov	v all imnor	tant zones	(Include Ag of porosity val tested, cu	and conter	nts thereof: I, time tool o	Cored intervented intervented in the cored intervented in the cored in	als and all drill-ste and shut-in pressur	m	tion (Lcg) Markers	
Forr	mation	Тор	Botton		Desc	riptions, Cont	tents, etc.		Name	Top Meas. Depth
								Green I Wasatc North I Price R Base of Bluecas Neslen TD	h Horn iver 'Upper Price	1947' 2,812' 4,902' 6,507' 6,707' 7,837' 8,169' 8,191'
	pies of log	s already		ed by placi	ng a check i	n the appropri	ort DST Rep	on Directio	onal Survey	
☐ E	lectrical/M		Logs (1 fuil s ging and cen		ation [	Core Analysis	G Culci.			
	Electrical/M Sundry Notic	ce for plug	ging and cen	nent verific				ned from all avai	lable records (see attached ins	tructions)*
☐ E S S S S S S S S S S S S S S S S S S	Electrical/M Sundry Notic	that the fo	ging and cen	nent verific			correct as determin	ned from all avai	lable records (see attached ins	tructions)*

26. PERFORATION RECORD (cont.)									
	(Top/Bot-MD)	SIZE	NO. HOLES	PERFORATION STATUS					
6.856'	6.954	0.42"	30	Open					
6,678	6,688'	0.42"	30	Open					
6,526	6,574	0.42"	30	Open					
6,386	6,396	0.42"	30	Open					
6.220	6,278'	0.42"	30	Open					
5.698'	5.704	0.42"	18	Open					

	REATMENT, CEMENT SQUEEZE, ETC. (cont.)  AMOUNT AND TYPE OF MATERIAL
DEPTH INTERVAL	
6,856' - 6,954'	70% CO2 foam frac: 135 tons CO2; 362 bbls. of LGC 6, 80,000# 20/40 Ottawa sand
6,678' - 6,688'	70% CO2 foam frac: 133 tons CO2; 379 bbls. of LGC 6, 84,000# 20/40 Ottawa sand
6,526' - 6,574'	70% CO2 foam frac: 130 tons CO2; 380 bbls. of LGC 6, 85,000# 20/40 Ottawa sand
6.386' - 6,396'	70% CO2 foam frac: 75 tons CO2; 198 bbls. of LGC 6, 42,100# 20/40 Ottawa sand
6.220' - 6.278'	70% CO2 foam frac: 90 tons CO2; 235 bbls. of LGC 6, 42,800# 20/40 Ottawa sand
5,698' - 5,704'	70% CO2 foam frac: 68 tons CO2; 154 bbls. of LGC 6, 33,000# 20/40 Ottawa sand
7.600	Set CIBP @ 7,600' - 43/4 Smith Bit and Weathford Pump off sub. @ 7,598'





## **FINAL SURVEYS**

**FOR** 



## PETER'S POINT UF #16-6D-13-17

FROM SURFACE LOCATION:

GARFIELD COUNTY, COLORADO

WELL FILE #: 4002525C

**AUGUST 3, 2005** 

RECEIVED APR 0 6 2006

DIV. OF OIL, GAS & MINING

PRECISION ENERGY SERVICES USA, INC. DRILLING & EVALUATION 7090 Barton Drive Casper, Wyoming 82604

Phone: (307) 577-8875 Fax: (307) 577-9182

Client : BILL BARRETT, CORP Page : 1 of 4
Well Name : PPUF# 16-6D-13-17 Date : 8/3/2005
Location : CARBON COUNTY, UTAH File : 4002525C

# KB Elevation: 6752.00 Gr Elevation: 6728.00 Vertical Section Calculated Along Azimuth 123.98° All Bearings Are Along True North

MD	Inc	Azi	TVD	North	East	V'Sect	D'Leg	Build	Turn
ft	deg	deg	ft	ft	ft	ft	°/100	°/100	°/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1053.00	0.81	131.08	1052.96	-4.89	5.61	7.39	0.08	0.08	12.45
1114.00	1.81	135.83	1113.95	-5.87	6.61	8.76	1.65	1.64	7.79
1145.00	2.75	134.08	1144.92	-6.73	7.48	9.97	3.04	3.03	-5.65
1175.00	3.44	128.46	1174.88	-7.79	8.70	11.57	2.51	2.30	-18.73
									20.10
1206.00	4.25	116.33	1205.81	-8.88	10.46	13.64	3.69	2.61	-39.13
1266.00	6.19	109.46	1265.56	-10.95	15.50	18.98	3.39	3.23	-11.45
1330.00	7.38	115.58	1329.11	-13.87	22.47	26.38	2.17	1.86	9.56
1393.00	7.88	112.96	1391.55	-17.30	30.09	34.62	0.97	0.79	-4.16
1456.00	8.50	113.83	1453.91	-20.87	38.33	43.45	1.00	0.98	1.38
1518.00	9.06	112.96	1515.18	-24.62	47.01	52.75	0.93	0.90	-1.40
1580.00	9.44	112.83	1576.38	-28.50	56.20	62.53	0.61	0.61	-0.21
1643.00	10.13	113.58	1638.46	-32.72	66.03	73.05	1.11	1.10	1.19
1705.00	10.75	113.33	1699.43	-37.19	76.34	84.09	1.00	1.00	-0.40
1767.00	11.69	114.08	1760.25	-42.05	87.39	95.96	1.53	1.52	1.21
1,0,,00									
1828.00	12.38	116.21	1819.91	-47.45	98.89	108.53	1.35	1.13	3.49
1889.00	12.38	117.96	1879.49	-53.41	110.54	121.51	0.62	0.00	2.87
1953.00	12.13	121.21	1942.03	-60.11	122.35	135.05	1.15	-0.39	5.08
2016.00	12.25	123.08	2003.61	-67.19	133.61	148.34	0.66	0.19	2.97
2140.00	12.38	121.58	2124.76	-81.33	155.96	174.78	0.28	0.10	-1.21
2201.00	13.25	122.46	2184.24	-88.51	167.43	188.30	1.46	1.43	1.44
2265.00	13.63	123.21	2246.48	-96.57	179.92	203.17	0.65	0.59	1.17
2328.00	14.13	124.33	2307.65	-104.97	192.48	218.29	0.90	0.79	1.78
2391.00	14.75	125.21	2368.65	-113.94	205.39	233.99	1.04	0.98	1.40
2453.00	16.19	125.96	2428.41	-123.56	218.83	250.52	2.34	2.32	1.21
2515.00	17.06	126.83	2487.81	-134.09	233.11	268.25	1.46	1.40	1.40
2579.00	17.69	126.83	2548.89	-145.55	248.41	287.33	0.98	0.98	0.00
2641.00	17.88	126.96	2607.93	-156.92	263.55	306.25	0.31	0.31	0.21
2703.00	18.19		2666.88	-168.56	278.81				1.21
2765.00	18.81	127.71	2725.68	-180.63	294.35	345.04	1.01	1.00	0.40
2/65.00	10.01	127.90	2725.00	-180.03	294.33	343.04	1.01	1.00	0.40
2828.00	20.00	127.21	2785.10	-193.39	310.94	365.93	1.93	1.89	-1.19
2890.00	20.88	125.08	2843.20	-206.15	328.42	387.56	1.86	1.42	-3.44
2953.00	22.25	126.08	2901.79	-219.63	347.25	410.70	2.25	2.17	1.59
3016.00	23.50	126.50	2959.83	-234.12	366.99	435.17	2.00	1.98	0.67
3080.00	24.19	126.33	3018.37	-249.48	387.81	461.02	1.08	1.08	-0.27
3143.00	25.19	125.58	3075.61	-264.93	409.11	487.32	1.66	1.59	-1.19
3204.00	27.00	125.96	3130.39	-280.62	430.88	514.14	2.98	2.97	0.62
3267.00	28.31	127.96	3186.19	-298.20	454.24	543.34	2.55	2.08	3.17
3207.00	∠0.3⊥	14/.70	3100.13	270.20	4J4.44	747.74	2.55	2.00	٠. ـ /

Client : BILL BARRETT, CORP Page : 2 of 4
Well Name : PPUF# 16-6D-13-17 Date : 8/3/2005
Location : CARBON COUNTY, UTAH File : 4002525C

## KB Elevation: 6752.00 Gr Elevation: 6728.00 Vertical Section Calculated Along Azimuth 123.98° All Bearings Are Along True North

MD	Inc	Azi	TVD	North	East	V'Sect	D'Leg	Build	Turn
ft	deg	deg	ft	ft	ft	ft	°/100	°/100	°/100
3330.00	29.38	128.96	3241.37	-317.11	478.03	573.64	1.86	1.70	1.59
3394.00	30.19	129.08	3296.92	-337.13	502.73	605.30	1.27	1.27	0.19
2455 00	21 62	100 50	2250 07	257 40	507.04	627 55	0 20	2 22	0 70
3457.00	31.63	128.58	3350.97	-357.42	527.94	637.55	2.32	2.29	-0.79
3520.00	32.25	129.33	3404.43	-378.37	553.86	670.75	1.17	0.98	1.19
3580.00	32.06	129.46	3455.23	-398.64	578.54	702.54	0.34	-0.32	0.22
3643.00	32.69	129.08	3508.43	-419.99	604.65	736.13	1.05	1.00	-0.60
3705.00	32.69	127.96	3560.61	-440.84	630.85	769.51	0.98	0.00	-1.81
3768.00	32.88	127.08	3613.58	-461.62	657.91	803.56	0.81	0.30	-1.40
3831.00	32.25	126.46	3666.67	-481.92	685.07	837.43	1.13	-1.00	-0.98
3894.00	33.13	125.21	3719.70	-501.83	712.66	871.43	1.76	1.40	-1.98
3958.00	32.88	124.33	3773.37	-521.71	741.29	906.29	0.84	-0.39	-1.37
4020.00	31.75	124.46	3825.76	-540.44	768.64	939.43	1.83	-1.82	0.21
4083.00	30.50	122.96	3879.70	-558.51	795.72	972.00	2.33	-1.98	-2.38
4147.00	30.06	121.96	3934.96	-575.84	822.95	1004.25	1.05	-0.69	-1.56
4209.00	29.31	121.58	3988.83	-592.00	849.05	1034.94	1.25	-1.21	-0.61
4273.00	28.81	121.08	4044.77	-608.17	875.61	1065.99	0.87	-0.78	-0.78
4336.00	28.69	120.33	4100.00	-623.64	901.66	1096.24	0.60	-0.19	-1.19
				4.5 50					
4428.00	28.38	120.21	4180.83	-645.79	939.62	1140.10	0.34	-0.34	-0.13
4524.00	27.13	118.58	4265.78	-667.75	978.56	1184.66	1.52	-1.30	-1.70
4585.00	26.69	116.83	4320.18	-680.58	1003.00	1212.10	1.49	-0.72	-2.87
4647.00	27.06	116.83	4375.48	-693.23	1028.00	1239.91	0.60	0.60	0.00
4709.00	27.13	116.96	4430.68	-706.01	1053.19	1267.93	0.15	0.11	0.21
4773.00	27.25	117.46	4487.61	-719.38	1079.20	1296.97	0.40	0.19	0.78
4836.00	27.00	119.33	4543.68	-733.03	1104.46	1325.55	1.41	-0.40	2.97
4899.00	26.81	120.71	4599.86	-747.30	1129.15	1353.99	1.04	-0.30	2.19
4961.00	26.88	122.46	4655.18	-761.96	1152.99	1381.96	1.28	0.11	2.82
5024.00	27.06	123.33	4711.33	-777.48	1176.98	1410.53	0.69	0.29	1.38
5086.00	28.19	124.08	4766.26	-793.43	1200.90	1439.27	1.91	1.82	1.21
5150.00	28.38	125.46	4822.62	-810.73	1225.81	1469.60	1.06	0.30	2.16
5214.00	28.56	126.71	4878.88	-828.70	1250.46	1500.08	0.97	0.28	1.95
5278.00	28.75	125.96	4935.04	-846.88	1275.18	1530.75	0.64	0.30	-1.17
5341.00	28.00	124.96	4990.47	-864.25	1299.57	1560.68	1.41	-1.19	-1.59
			5045 01	000 00	1202 25	1500 55	0.55	0 01	0 10
5403.00	27.81	125.21	5045.26	-880.93	1323.31	1589.69	0.36	-0.31	0.40
5464.00	28.75	126.21	5098.98	-897.80	1346.77	1618.57	1.73	1.54	1.64
5527.00	28.31	125.58	5154.33	-915.44	1371.15	1648.65	0.85	-0.70	-1.00
5590.00	28.19	125.96	5209.83	-932.87	1395.34	1678.45	0.34	-0.19	0.60
5653.00	29.13	126.21	5265.11	-950.67	1419.76	1708.64	1.50	1.49	0.40

Client : BILL BARRETT, CORP Page : 3 of 4
Well Name : PPUF# 16-6D-13-17 Date : 8/3/2005
Location : CARBON COUNTY, UTAH File : 4002525C

### KB Elevation: 6752.00 Gr Elevation: 6728.00 Vertical Section Calculated Along Azimuth 123.98° All Bearings Are Along True North

MD	Inc	Azi	TVD	North	East	V'Sect	D'Leg	Build	Turn
ft	deg	deg	ft	ft	ft	ft	°/100	°/100	°/100
5714.00	29.13	126.71	5318.39	-968.32	1443.64	1738.31	0.40	0.00	0.82
5778.00	30.25	128.33	5373.99	-987.63	1468.78	1769.95	2.15	1.75	2.53
5840.00	30.00	128.33	5427.61	-1006.92	1493.19	1800.97	0.40	-0.40	0.00
5905.00	29.63	127.33	5484.01	-1026.75	1518.71	1833.22	0.95	-0.57	-1.54
5968.00	29.31	126.08	5538.86	-1045.27	1543.56	1864.18	1.10	-0.51	-1.98
6031.00	28.50	125.33	5594.01	-1063.04	1568.28	1894.61	1.41	-1.29	-1.19
6093.00	27.81	124.71	5648.68	-1079.83	1592.24	1923.86	1.21	-1.11	-1.00
6156.00	26.94	124.71	5704.62	-1096.33	1616.05	1952.83	1.38	-1.38	0.00
6219.00	26.63	124.46	5760.86	-1112.44	1639.43	1981.22	0.52	-0.49	-0.40
6281.00	26.25	124.33	5816.37	-1128.04	1662.21	2008.82	0.62	-0.61	-0.21
6340.00	26.44	122.58	5869.25	-1142.47	1684.05	2035.00	1.36	0.32	-2.97
6403.00	26.31	122.83	5925.69	-1157.59	1707.60	2062.98	0.27	-0.21	0.40
6466.00	26.13	123.46	5982.21	-1172.81	1730.91	2090.81	0.53	-0.29	1.00
6528.00	25.19	124.21	6038.09	-1187.76	1753.21	2117.66	1.60	-1.52	1.21
6592.00	24.88	123.46	6096.08	-1202.84	1775.70	2144.74	0.69	-0.48	-1.17
6653.00	24.25	122.21	6151.56	-1216.59	1797.01	2170.09	1.34	-1.03	-2.05
6717.00	23.81	121.96	6210.01	-1230.43	1819.09	2196.14	0.71	-0.69	-0.39
6782.00	23.88	122.58	6269.46	-1244.46	1841.31	2222.41	0.40	0.11	0.95
6846.00	22.94	123.08	6328.19	-1258.25	1862.67	2247.83	1.50	-1.47	0.78
6909.00	21.44	122.58	6386.53	-1271.15	1882.67	2271.62	2.40	-2.38	-0.79
6972.00	20.13	122.71	6445.43	-1283.21	1901.49	2293.97	2.08	-2.08	0.21
7036.00	18.44	122.08	6505.83	-1294.54	1919.33	2315.10	2.66	-2.64	-0.98
7099.00	17.19	121.83	6565.81	-1304.74	1935.69	2334.36	1.99	-1.98	-0.40
7163.00	15.94	120.96	6627.15	-1314.25	1951.26	2352.58	1.99	-1.95	-1.36
7226.00	14.13	120.58	6687.99	-1322.61	1965.30	2368.90	2.88	-2.87	-0.60
7289.00	12.63	120.58	6749.28	-1330.03	1977.85	2383.45	2.38	-2.38	0.00
7353.00	11.38	120.58	6811.88	-1336.80	1989.31	2396.74	1.95	-1.95	0.00
7416.00	9.94	119.08	6873.79	-1342.60	1999.41	2408.36	2.33	-2.29	-2.38
7479.00	9.25	118.83	6935.91	-1347.69	2008.60	2418.83		-1.10	-0.40
7542.00	7.75	118.21	6998.22	-1352.14	2016.78	2428.10	2.39	-2.38	-0.98
7606.00	6.81	116.83	7061.70	-1355.89	2023.97	2436.15	1.49	-1.47	-2.16
7666.00	6.00	114.33	7121.33	-1358.79	2030.00	2442.77	1.43	-1.35	-4.17
7727.00	5.06	112.71	7182.04	-1361.14	2035.39	2448.56	1.56	-1.54	-2.66
7788.00	4.25	114.83	7242.84	-1363.13	2039.92	2453.43	1.36	-1.33	3.48
7851.00	3.69	119.21	7305.69	-1365.10	2043.81	2457.75	1.01	-0.89	6.95
7913.00	3.50	114.33	7367.57	-1366.85	2047.27	2461.60	0.58	-0.31	-7.87
7975.00	3.00	109.46	7429.47	-1368.17	2050.53	2465.04	0.92	-0.81	-7.85
8007.00	2.88	109.46	7461.42	-1368.72	2052.08	2466.63	0.37	-0.37	0.00

Client : BILL BARRETT, CORP Page : 4 of 4
Well Name : PPUF# 16-6D-13-17 Date : 8/3/2005
Location : CARBON COUNTY, UTAH File : 4002525C

KB Elevation: 6752.00 Gr Elevation: 6728.00

Vertical Section Calculated Along Azimuth 123.98°
All Bearings Are Along True North

MD	Inc	Azi	TVD	North	East	V'Sect	D'Leg	Build	Turn
ft	deg	deg	ft	ft	ft	ft	°/100	°/100	°/100
8069.00	2.94	116.21	7523.34	-1369.94	2054.97	2469.71	0.56	0.10	10.89
8084.00	2.81	115.08	7538.33	-1370.27	2055.65	2470.46	0.95	-0.87	-7.53
EXT. TOTAL DEPTH									
8191.00	2.81	115.08	7645.20	-1372.49	2060.40	2475.64	0.00	0.00	0.00

Bottom Hole Closure 2475.68ft Along Azimuth 123.67 $^{\circ}$ 

Form 3160-5 (August 2007)

### UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPRO	VE
OMB No. 1004-	013
Expires July 31	201

5. Lease Serial No.

Do not use this	form for proposals t Use Form 3160-3 (A	o drill or to re-	enter an	6 If Indian, Allottee	or Tribe Name			
	NIT IN TRIPLICATE - Other			7. If Unit of CA/Agre	ement, Name and/or No			
1 Type of Well		,-,		Brickly Pear Unit/U	Brickly Poor Unit/UTU-75487 feters fount Unit/Actu-636/4			
Oil Well Gas	Well  Other		,	8. Well Name and No See Attached	8. Well Name and No.			
Name of Operator Bill Barrett Corporation				9. API Well No.				
3a. Address 1099 18th Street, Suite 2300, Denver, CO 80	202	3b. Phone No. (incli	ude <b>area</b> code)	10 Field and Pool or	Exploratory Area			
4. Location of Well (Footage, Sec., T.	.R.,M., or Survey Description)		-	11. Country or Parish Carbon County, UT				
12. CHE	CK THE APPROPRIATE BO	X(ES) TO INDICAT	E NATURE OF NO	OTICE, REPORT OR OTH	ER DATA			
TYPE OF SUBMISSION			TYPE OF A	ACTION				
✓ Notice of Intent	Acidize Alter Casing	Decpen Fracture Tre	_	Production (Start/Resume)	Water Shut-Off Well Integrity			
Subsequent Report	Casing Repair	New Consti	ruction 🔲 1	Recomplete	Other Off-lease Water			
	Change Plans	Plug and Al	bandon .	remporarily Abandon	Treatment			
Final Abandonment Notice	Convert to Injection	Plug Back	,	Water Disposal				
ist and map of Peter's Point unit we			FOR REC	ORD ONLY	to meet additional water needs. A RECEIVED FEB 1 6 2010			
					DIV. OF OIL, GAS & MINING			
COA: Approval to be treated by in Sec. 16, TIRS	is granted to 1 the temporar RISE through I	take the y woder to Tuly 2010.	water provided ment	duced by fer-facility local	eter's fourt federalu ated on SITLA lan			
4 I hereby certify that the foregoing is ( Name (Printed/Typed)  Tracey Fallang	rue and correct.	Title	Regulatory Anal	wet				
Signature LaCus	Fillanos		02/04/2010					
	THIS SPACE F	OR FEDERAL	OR STATE C	FFICE USE				
Approved by Many	n Herreliede.		Petroleu	m Engineer	FEB 0 8 2010			
onditions of approval, if any, are attached that the applicant holds legal or equitable to title the applicant to conduct operations	<li>d. Approval of this notice does r title to those rights in the subject</li>	not warrant or certify	Office		ELD OFFICE			
itle 18 U.S.C Section 1001 and Title 43	U.S.C. Section 1212, make it a c	crime for <b>any person</b> k	nowingly and willful	ly to make to any departmen	t or agency of the United States any false.			
ctitious or fraudulent statements or repre	sentations as to any matter with	in its jurisdiction.		у порисинен				

(Instructions on page 2)



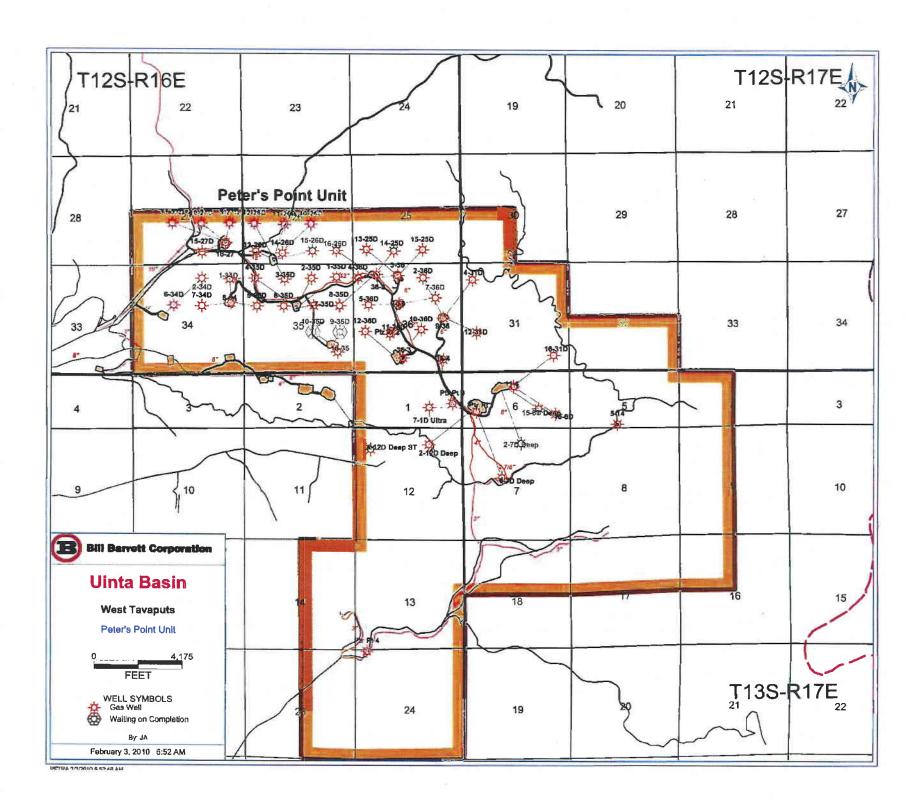
UWI/API		Status
	5-14-PETERS POINT	GAS
430073002300	9-PTRS PT UNIT	GAS
430071539300	9-PTRS PT UNIT 4-PTRS PT UNIT 2-PTRS PT UNIT 36-2-PtrsPtFed 36-3-PtrPtFed	GAS
430071539100	2-PIRS PI UNII	GAS
430073076100	36-2-PtrsPtFed	GAS
430073076200	36-3-PtrPtFed	GAS
40001 001 0000	00-7-1 1131 11 CU	GAS
	1-PETERS POINT UNIT	
	1-PETERS POINT UNIT	GAS
430073098200	11-6-13-17	GAS
430073096500	11-6-13-17 16-35-12-16 16-27-12-16 8-34-12-16 6-35D-12-16	GAS
430073131800	16-27-12-16	GAS
4300/312/900	8-34-12-16	GAS
430073127500	6-35U-12-16	GAS
		GAS
430073100500	16-31D-12-17	GAS
430073100400	16-6D-13-17	GAS
430073101000	2-36D-12-16	GAS
430073100900	12-31U-12-17	GAS
430073101100	16-31D-12-17 16-6D-13-17 2-36D-12-16 12-31D-12-17 9-36-12-16 4-31D-12-17 6-7D-13-17 Deep 8-35D-12-16 16-26D-12-16 14-25D-12-16	GAS
430073081000	4-31D-12-17	GAS
430073085900	6-70-13-17 Deep	GAS
4300/3102400	8-35D-12-16	GAS
430073081200	10-20D-12-10	GAS
430073076400	14-25D-12-10	GAS GAS
430073115600	14-25D-12-16 2-12D-13-16 Deep 14-26D-12-16 6-34D-12-16 6-36-12-16 3-36-12-16 12-36D-12-16 10-36D-12-16	CAS
430073127700	14-20D-12-10	GAS
430073128100	0-34U-12-10	GAS GAS
4300/312/200	2 26 42 46	GAS
430073127100	12-10 12-36D-12-16	GAS
430073117300	10-36D-12-16	GAS
430073117400	15-6D-13-17 Deep	GAS
430073120100	4-12D-13-16 Deep ST	
400070444400	A 07D 40 40	GAS
430073141100	11_27D_12-16	GAS
430073140000	15-27D-12-16	GAS
430073140600	9-27D-12-16 11-27D-12-16 15-27D-12-16 10-26D-12-16	GAS
430073140400	15-26D-12-16	GAS
430073140700		GAS
430073135200		GAS
430073140300		GAS
430073140800		GAS
430073142700		GAS
430073142800		GAS
430073140500		GAS
430073134500		GAS
430073136500		GAS
430073147400		WOC
430073147400		woc
430073142900		GAS
-3001 O 172000	O COD TE TO	J, 10

UWI/API	LABEL	Status
430073134700	4-35D-12-16	GAS
430073134600	7-35D-12-16	GAS
430073134800	7-36D-12-16	GAS
430073135000	5-36D-12-16	GAS
430073135100	15-25D-12-16	GAS
430073131900	10-27D-12-16	GAS
430073132600	2-7D-13-17 Deep	GAS
430073132000	2-34D-12-16	GAS
430073134900	11-36D-12-16	GAS
430073135300	4-36D-12-16	GAS

## PETER'S POINT UNIT Status Legend

GAS Currently Producing WOC Waiting on Completion

Water could come from any of these GAS wells to be used in treatment process and reused for state completions.



## WEST TAVAPUTS PILOT WATER TREATMENT FACILITY NESW, SECTION 16, T12S-R15E

This is being submitted as notification that Bill Barrett Corporation (BBC) will be setting a temporary "pilot" water treatment facility within existing disturbance (no surface-laid lines are proposed) at the Prickly Pear Unit State 11-16 location. This facility will test the ability for BBC to reuse and recycle Prickly Pear unit water for approximately 16 state wells in Section 16 which are to be completed in 2010. It would also reduce truck traffic through Harmon Canyon associated with water hauling by approximately 16 trucks per day. Wells on Prickly Pear mesa generate approximately 1000 barrels of water per day (BWPD) and each well completion will take approximately 1300 BWPD. Any additional water needed for completion will come from currently approved water sources. This pilot facility will be in operation from January through July of 2010 and if successful, BBC will discuss the potential of making the facility permanent.

The process description is listed below and attachments to this proposal include proposed facility diagrams and maps and spreadsheets which indicate Prickly Pear wells involved with the water treatment process.

#### PROCESS DESCRIPTION

BBC will use an electro-coagulation (EC) process which transmits an electrical current through the water between iron plates. Iron hydroxyl-oxide (IHO) is formed by the electrical current in the form of a floc which then adsorbs compounds in the water. Compounds bound to the IHO create larger floc/solids known as hematite. The hematite is then skimmed off and placed into a tank to be hauled off of to a state approved disposal facility and a pH buffer is added to the water to lower the pH for re-use.

The EC system will treat approximately 1000-1200 BWPD (including flow-back water) and will be stored in clean tanks adjacent to the system. There will be ten 450-bbl holding tanks (two inlet water and eight treated water), three 450-bbl weir (skim) tanks and the actual EC system. There will also be a small generator to power a pump on location to assist in keeping the water flowing through the system. The tank battery will be bermed and the berms will be constructed to contain at a minimum 120 percent of the storage capacity of the largest tank within the berm. Any load lines and valves will be placed inside the berm.

After completion operations have ceased within Section 16, water will once again be diverted back to BBC's permitted saltwater disposal well in Sec. 24, T12S-R14E or a request for a permanent facility may be filed.

Form 3160-5 (August 2007)

### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FOR	ΜA	PP	RO	VED	
<b>OMB</b>	No.	10	04-	0137	
Evnire	e l	11.	31	2016	1

5. Lease Serial No.

**SUNDRY NOTICES AND REPORTS ON WELLS** 

	orm for proposals ( Use Form 3160-3 (A			n	. II mulan, Anouc	e or tribe Na	me		
SUBMIT IN TRIPLICATE - Other instructions on page 2.  1. Type of Well					7. If Unit of CA/Agreement, Name and/or No. Prickly Pear Unit/UTU-79487				
Oil Well Gas W	ell Other				Well Name and I	₹o.			
2. Name of Operator Bill Barrett Corporation				See Attached  9. API Well No.					
3a. Address		71 Dt N	# 3 3	4				<del></del>	
1099 18th Street, Suite 2300, Denver, CO 8020	2	303-312-813	, (include <b>area</b> co <b>4</b>	ode) H	0. Field and Pool o	or Explorator	y Area		
4. Location of Well (Footage, Sec., T.)	R.,M <b>or</b> Survey Description			3	I. Country or Paris Carbon County, U				
12. CHEC	K THE APPROPRIATE BO	X(ES) TO IND	DICATE NATUR	E OF NOTICE,	, report or ot	HER DATA			
TYPE OF SUBMISSION			TY	PE OF ACTIO	N				
✓ Notice of Intent	Notice of Intent  Acidize Deepen Production (  Alter Casing Fracture Treat Reclamation		ion (Start/Resume) ation	☐ Water Shut-Off ☐ Well Integrity					
Subsequent Report	Casing Repair	New New	Construction	Recomp	Recomplete		Other Off-lease Water		
Final Abandonment Notice	Change Plans Convert to Injection	└ Plug □ Plug	and Abandon		arily Abandon Disposal		Treatment of Prickly Pear Unit Water		
following completion of the involve testing has been completed. Final Adetermined that the site is ready for BIII Barrett Corporation (BBC) is subtowned Lands. BBC will be taking proprietly Pear unit, hauling it to a temp completion operations for approximal if successful, there is the potential of BBC has attached the SITLA submitt if you have further questions, please	shandonment Notices must be final inspection.) mitting this sundry in accordanced water and flowba orary, "pilot" water trealmetely 16 state wells. This water being a permanent faul information for your recontact me at 303-312-8	ordance with Cock water from the treatmer actility on water treatmer actility.	er all requirement Onshore Order N federal and slat SITLA lands in S at and recyling p	ts, including red No. 7, III.B.2.b, te leases (a m Sec. 16, T12S process will be	Clamation, have be Disposal of Pro- ap and list of the R-R15E where it was in operation from	duced Wate see wells is a will be treate in January to	and the o	e or Privalely within the used for uly of 2010 and	
14. I hereby certify that the foregoing is tru			13					•	
Name (Printed/Typed) Tracey Fallang			Title Regulato	ory Analyst					
Signature Mall	fallan	ej	Dale 01/14/20	)10					
	THIS SPACE	FOR FEDE	RAL OR ST	ATE OFFIC	E USE				
Approved by  Many	Hereled		Title	leum En	gineer	Date JA	AN 14	4 2010	
Conditions of approval, if any, are attached that the applicant holds legal or equitable tit ntitle the applicant to conduct operations the		not warrant or co	ertify uld Office	P	RICE FIE	LD OF	FICE		
Fitle 18 U.S.C. Section 1001 and Title 43 II	S.C. Section 1212 make it a	crime for any se	rton knowingle on	ad willfully to my	aka ta anu danasimi	ant or some	of the Univ	ad Ctatas and Cala.	

fictitious or fraudulent statements or representations as to any matter within its jurisdiction,

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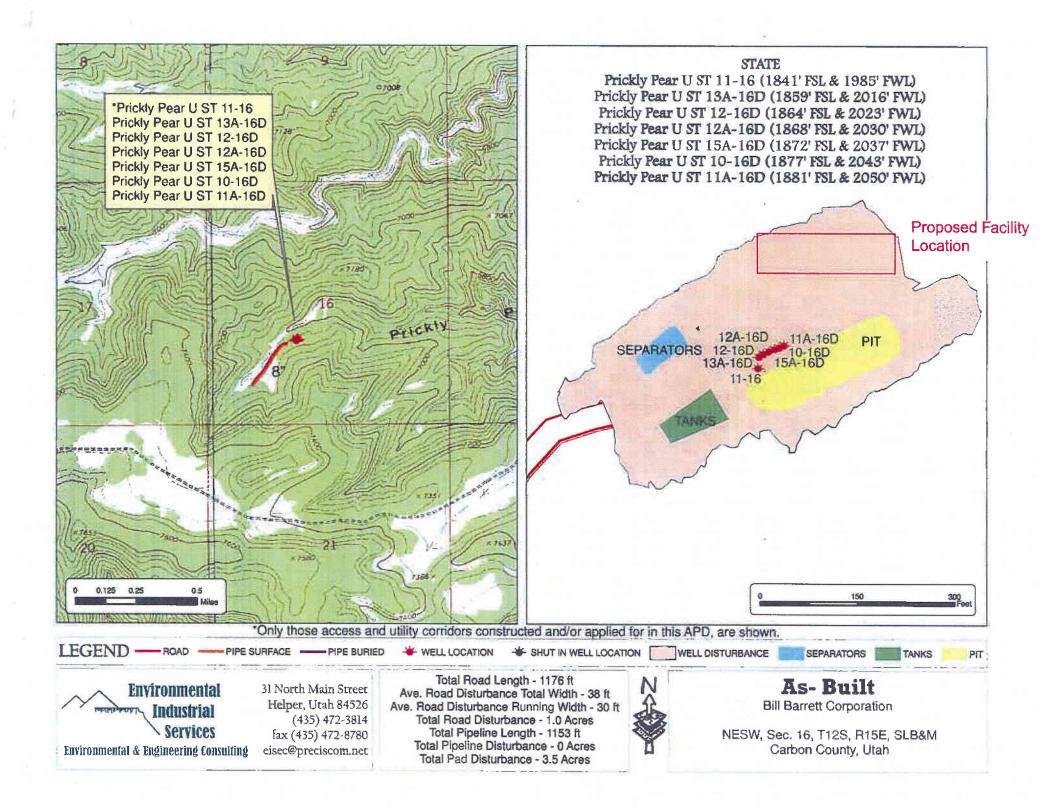
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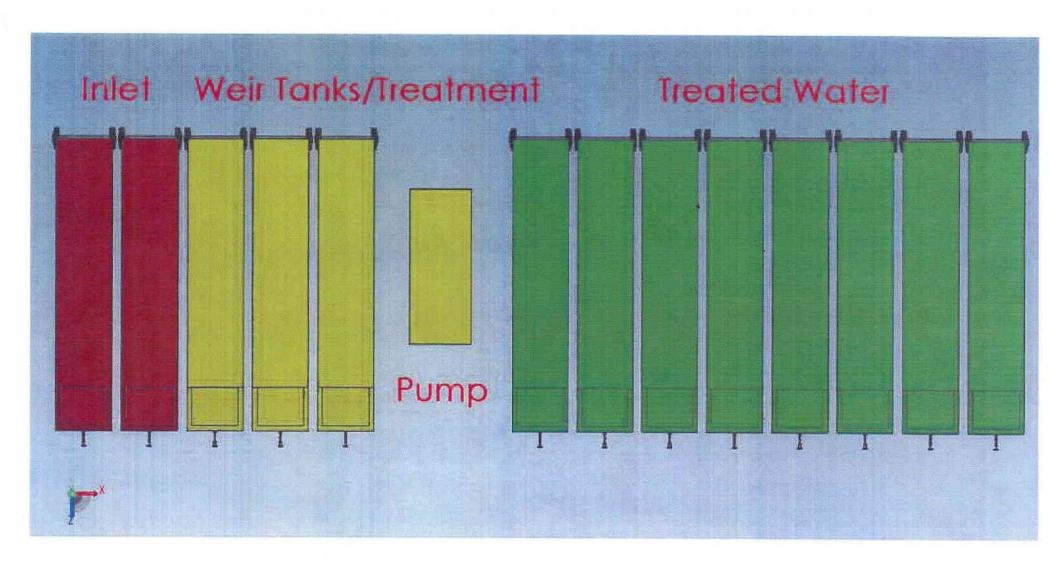
UWI/API	Well	Status	UWI/API	Well	Status
	1-GOVT PCKRL	GAS	430073123900	3-27D-12-15	GAS
	SC 1-STONE CABIN	GAS	430073123700	4-27D-12-15	GAS
	1-11-ST CAB-FED	GAS	430073124300	1-28-12-15	GAS
	33-1A-CLAYBANK SPRIN	GAS	430073124200	5-27D-12-15	GAS
	16-15 (12S-15E)	GAS	430073124400	8-28D-12-15	GAS
	2-B-27-ST CAB FED	GAS	430073124100	9-28D-12-15	GAS
	SC 1-ST CAB UNIT	GAS	430073128700	9-17-12-15	GAS
430073101800		GAS	430073129500	7-18D-12-15	GAS
	13-4 (12S-14E)	GAS	430073129400	1-18D-12-15	GAS
430073082800	_ · _ · <del>-</del> · -	GAS	430073124000	9-16-12-15	GAS
430073082300		GAS	430073124500	1-16-12-15	GAS
430073095400		GAS	430073136200	2-28D-12-15	GAS
430073093300		GAS	430073139900	11-22D-12-15	GAS
430073100800		GAS	430073136000	4-22D-12-15	GAS
430073094300		GAS	430073140000	14-22D-12-15	GAS
430073094500		GAS	430073139800	12-22D-12-15	GAS
430073094400		GAS	430073136100	6-22D-12-15	GAS
430073119300		GAS	430073141300	6-21D-12-15	GAS
430073098500		GAS	430073141200	11-21D-12-15	GAS
430073128900		GAS	430073141400	12-21D-12-15	GAS
430073086000	· -	GAS	430073142100	2-20D-12-15	GAS
430073107300		GAS	430073141900	8-20D-12-15	GAS
430073119600		GAS	430073135900	14-15D-12-15	GAS
430073120600		GAS	430073145600	12-16D <b>-</b> 12-15	GAS
430073118300		GAS	430073139400	10-18D-12-15	GAS
430073119800		GAS	430073128200	14-26D-12-15	GAS
430073116400		GAS	430073128800	1-17D-12-15	GAS
430073116600		GAS	430073129600		GAS
430073116500		GAS	430073131400		GAS
430073112100		GAS	430073131600		GAS
430073107500		GAS	430073131000		GAS
430073107400		GAS	430073130900		GAS
430073107600		GAS	430073131100	· · · · · - · · - · •	GAS
430073118700	·- · ·	GAS	430073131200		GAS
430073118600		GAS	430073132800		GAS
430073118800		GAS	430073131500		GAS
430073135800		GAS	430073130800		GAS
430073119200		GAS	430073130700		GAS
430073118400		GAS	430073131300		GAS
430073119700		GAS	430073131700		GAS
430073119400		GAS	430073145900		GAS
430073119500		GAS	430073132100		GAS
430073118900		GAS	430073132400		GAS
430073125900		GAS	430073132900		GAS
430073126000		GAS	430073136400		GAS
430073128300		GAS	430073136800		GAS
430073128500		GAS	430073136300		GAS
430073128400		GAS	430073140100		GAS
430073125700		GAS	430073139300		GAS
430073125800		GAS	430073139500		GAS
430073122600		GAS	430073139600		GAS
430073122700		GAS	430073145800		GAS
430073123800	13-22-12-15	GAS	430073146100		GAS
			430073146000	11A-16D-12-15	GAS

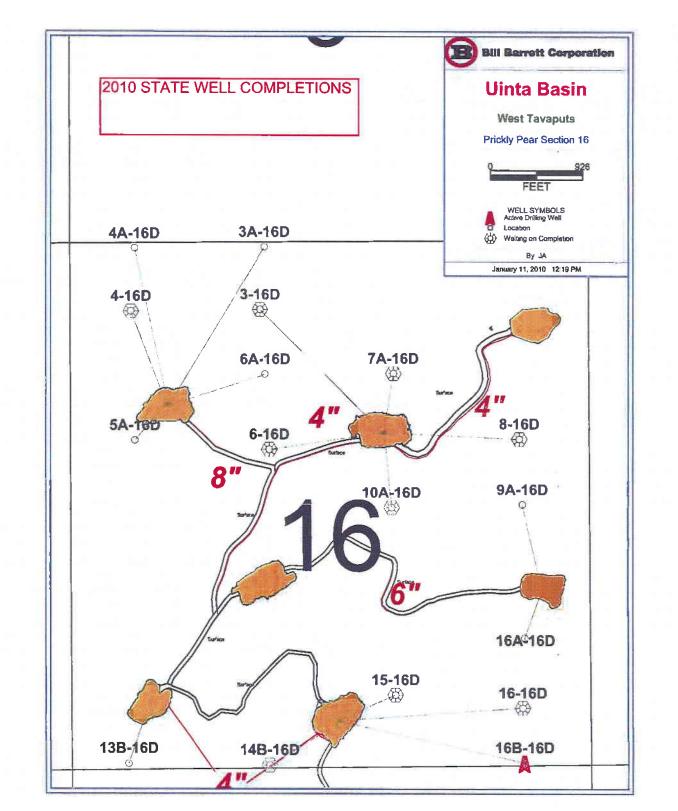
UWI/API	Well	Status
430073148000	5A-16D-12-15	LOC
430073148500	9A-16D-12-15	LOC
430073147900	4A-16D-12-15	LOC
430073148100	3A-16D-12-15	LOC
430073147700	6A-16D-12-15	LOC
430073148400	16A-16D-12-15	LOC
430073151600	13B-16D-12-15	LOC
430073095300	12-24-12-14	SWD
430073142200	7A-16D-12-15	WOC
430073142500	3-16D-12-15	WOC
430073145500	8-16D-12-15	WOC
430073142300	6-16D-12-15	WOC
430073132300	16-16D-12-15	WOC
430073142400	10A-16D-12-15	WOC
430073151500	14B-16D-12-15	WOC
430073132200	15-16D-12-15	WOC
430073147800	4-16D-12-15	WOC
430073151400	16B-16D-12-15	DRL

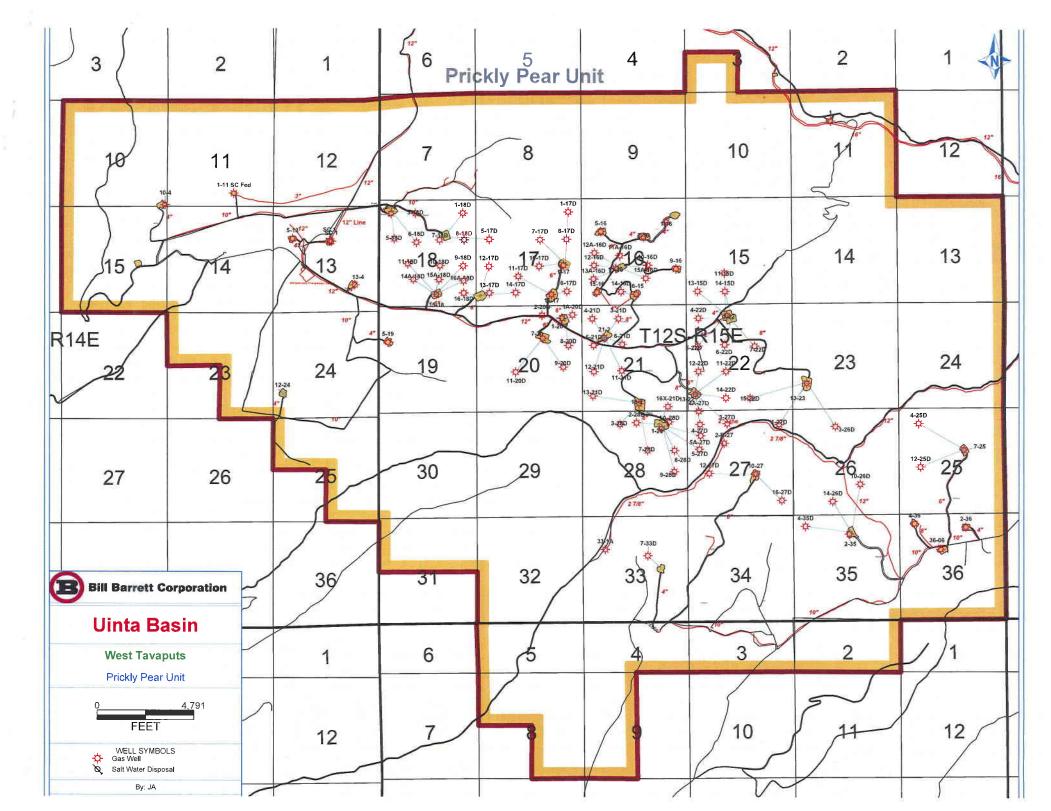
### Status Legend

Currently Drilling
Currently Producing
2010 Location
Salt Water Disposal
Waiting on Completion

Yellow indicates state wells that will be completed in 2010 using treated Prickly Pear Unit water. Water could come from any of these wells to be used in treatment process and reused for state well completions.







# Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)			Operator Name Change/Merger								
The operator of the well(s) listed below has change	ged, effecti	ive:	1/1/2014								
FROM: (Old Operator): N2165-Bill Barrett Corporation 1099 18th Street, Suite 230 Denver, CO 80202		TO: ( New Operator): N4040-EnerVest Operating, LLC 1001 Fannin Street, Suite 800 Houston, TX 77002									
Phone: 1 (303) 312-8134			Phone: 1 (713) 659-3500								
CA No.			Unit: Peter Point								
	SEC TW	N RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS				
See Attached List							I				
OPERATOR CHANGES DOCUMENTA Enter date after each listed item is completed  1. (R649-8-10) Sundry or legal documentation wa  2. (R649-8-10) Sundry or legal documentation wa  3. The new company was checked on the <b>Departm</b> 4a. Is the new operator registered in the State of U  5a. (R649-9-2) Waste Management Plan has been re  5b. Inspections of LA PA state/fee well sites comple	s received s received nent of Co tah: ceived on: ete on:	from the	e NEW operator e, Division of Co Business Numb Not Yet Yes	on: orporation	1/7/2014 1/7/2014 s Database on: 8850806-0161		1/28/2014				
<ul> <li>5c. Reports current for Production/Disposition &amp; S</li> <li>6. Federal and Indian Lease Wells: The BL or operator change for all wells listed on Federal</li> <li>7. Federal and Indian Units:</li> </ul>	M and or t	the BIA	= =	e merger, na		BIA	_ N/A				
<ol> <li>Federal and Indian Units:         <ul> <li>The BLM or BIA has approved the successor</li> </ul> </li> <li>Federal and Indian Communization Agrange The BLM or BIA has approved the operator of the Underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced ("UIC" Inject, for the</li></ol>	reements for all well ) Division	s ("CA" s listed von has a	'): vithin a CA on: pproved UIC F	orm 5 Tra		ity to Yes	_				
<ol> <li>Changes entered in the Oil and Gas Database</li> <li>Changes have been entered on the Monthly Op</li> <li>Bond information entered in RBDMS on:</li> <li>Fee/State wells attached to bond in RBDMS on</li> <li>Injection Projects to new operator in RBDMS of</li> </ol>	erator Cl : on:		1/28/2014 oread Sheet on: 1/28/2014 1/28/2014 1/28/2014	- - -	1/28/2014						
<ul><li>6. Receipt of Acceptance of Drilling Procedures for</li><li>7. Surface Agreement Sundry from NEW operator</li><li>BOND VERIFICATION:</li></ul>					1/7/2014 1/7/2014	•					
<ol> <li>Federal well(s) covered by Bond Number:</li> <li>Indian well(s) covered by Bond Number:</li> <li>(R649-3-1) The NEW operator of any state/fe</li> <li>The FORMER operator has requested a release</li> </ol>			- - umber N/A	B008371							
LEASE INTEREST OWNER NOTIFIC  4. (R649-2-10) The NEW operator of the fee wells of their responsibility to notify all interest owner  COMMENTS:	has been o	contacte		by a letter fr 1/28/2014							

# Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040) Effective 1/1/2014 Peter Point Unit

				Peter Point L						,
Well Name	·					Mineral	Lease	Surface Lease	Well Type	Well Status
PPU FED 11-34D-12-16			160E			Federal		Federal	GW	APD
PPU FED 10-34D-12-16		120S	160E			Federal		Federal	GW	APD
PETERS POINT UF 15X-36D-12-16		120S	160E	4300750178	·	Federal		Federal	GW	APD
PETERS POINT UF 10-1D-13-16		120S	160E	4300750182		Federal		Federal	GW	APD
PETERS POINT UF 9-1D-13-16	36	120S	160E	4300750183		Federal		Federal	GW	APD
PPU FED 9-34D-12-16	34		160E	4300731430	17225	Federal		Federal	GW	OPS
PPU FED 15-35D-12-16	35	120S	160E	4300731475		Federal		Federal	GW	OPS
PETERS POINT U FED 12A-6D-13-17	31	120S	170E	4300750034	2470	Federal		Federal	GW	OPS
PETERS POINT U FED 11A-31D-12-17	31	120S	170E	4300750036	2470	Federal		Federal	GW	OPS
PETERS POINT U FED 9-6D-13-17	6	130S	170E	4300750120	2470	Federal		Federal	GW	OPS
PETERS POINT U FED 14-6D-13-17	6	130S	170E	4300750121	2470	Federal		Federal	GW	OPS
PETERS POINT U FED 15-6D-13-17	6	130S	170E	4300750122	2470	Federal		Federal	GW	OPS
PETERS POINT UF 2-7D-13-17	6	130S	170E	4300750149	2470	Federal		Federal	GW	OPS
PETERS POINT UF 1-7D-13-17	6	130S	170E	4300750150	2470	Federal		Federal	GW	OPS
PETERS POINT U FED 36-2		120S	160E	4300730761		Federal		Federal	GW	P
PETERS POINT U FED 36-3		120S	160E	4300730762		Federal		Federal	GW	P
PETERS POINT U FED 36-4		120S	160E	4300730763		Federal		Federal	GW	P
PETERS POINT U FED 14-25D-12-16		120S	160E	4300730764		Federal		Federal	GW	P
PETERS POINT U FED 4-31D-12-17	_	120S	160E	4300730810		Federal		Federal	GW	P
PETERS POINT U FED 16-26D-12-16		120S	160E	4300730812		Federal		Federal	GW	P
PETERS POINT U FED 6-7D-13-17		130S	170E	4300730859		Federal		Federal	GW	P
PETERS POINT U FED 16-35	_	120S	160E	4300730965		Federal		Federal	GW	P
PETERS POINT U FED 11-6-13-17		130S	170E	4300730982		Federal		Federal	GW	P
PETERS POINT U FED 16-6D-13-17		130S	170E	430073004		Federal		Federal	GW	P
PETERS POINT U FED 16-31D-12-17		130S	170E	4300731004		Federal		Federal	GW	P
PETERS POINT U FED 12-31D-12-17		120S	160E	4300731009		Federal		Federal	GW	P
PETERS POINT U FED 2-36D-12-16		120S	160E		-	Federal		Federal	GW	P
PETERS POINT U FED 9-36-12-16	_	120S	160E	4300731010		Federal		Federal	GW	P
PETERS POINT U FED 9-36-12-16  PETERS POINT U FED 8-35D-12-16	_	120S 120S	160E			Federal			GW	P
PETERS POINT U FED 4-12D-13-16		120S 130S	160E	4300731024				Federal	GW	P
PETERS POINT U FED 2-12D-13-16	_		170E	4300731049				State	GW	P
PETERS POINT U FED 10-36D-12-16	·	130S		4300731158				Federal		P
		120S	160E	4300731174		Federal		Federal	GW	
PETERS POINT U FED 12-36D-12-16		120S	160E	4300731175		Federal		Federal	GW	P
PPU FED 15-6D-13-17		130S		4300731261				Federal	GW	P
PP UF 3-36-12-16	+			4300731271				Federal	GW	P
PP UF 6-36-12-16		120S	160E	4300731272		Federal		Federal	GW	P
PPU FED 6-35D-12-16	-	120S	160E	4300731275		Federal		Federal	GW	P
PPU FED 8-34-12-16	<del> </del>	120S	160E	4300731279		Federal		Federal	GW	P
PPU FED 6-34D-12-16		120S	160E	4300731281		Federal		Federal	GW	P
PPU FED 7-1D-13-16 ULTRA DEEP	<del>}                                    </del>		170E	4300731293				Federal	GW	P
PPU FED 16-27-12-16	1	120S	160E	4300731318		Federal		Federal	GW	P
PPU FED 10-27D-12-16		120S	160E	4300731319		Federal		Federal	GW	P
PPU FED 2-34D-12-16		120S	160E	4300731320		Federal		Federal	GW	P
PPU FED 2-7D-13-17 DEEP		130S	170E	4300731326				Federal	GW	P
PPU FED 2-35D-12-16	35	120S	160E	4300731345	2470	Federal		Federal	GW	P
PPU FED 7-35D-12-16	35	120S	160E	4300731346	2470	Federal		Federal	GW	P
PPU FED 4-35D-12-16	35	120S	160E	4300731347	2470	Federal		Federal	GW	P
PPU FED 7-36D-12-16	36	120S	160E	4300731348	2470	Federal		Federal	GW	P
PPU FED 11-36D-12-16	36	120S	160E	4300731349	2470	Federal		Federal	GW	P
PPU FED 15-25D-12-16	36	120S	160E	4300731351	2470	Federal		Federal	GW	P
PPU FED 13-25D-12-16		120S	160E	4300731352		Federal		Federal	GW	P
PPU FED 4-36D-12-16	-	120S	160E			Federal		Federal	GW	P
PPU FED 1-35D-12-16		120S	160E	4300731365		Federal		Federal	GW	P
PPU FED 13-26D-12-16		120S	160E	4300731403		Federal		Federal	GW	P
PPU FED 15-26D-12-16	·	120S	160E	4300731404		Federal		Federal	GW	P
PPU FED 3-35D-12-16		120S		4300731404		Federal		Federal	GW	P
1101603-330-12-10	20	1400	TOOL	TJ00131403	24/0	Loucial		1 cuciai	UW	1

# Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040) Effective 1/1/2014 Peter Point Unit

Well Name	Sec TWN		API Number		Mineral Lease	Surface Lease	Well Type	Well Status
PPU FED 10-26D-12-16	26 120S	160E	4300731406		Federal	Federal	GW	P
PPU FED 11-26D-12-16	26 120S	160E	4300731407		Federal	Federal	GW	P
PPU FED 12-26D-12-16	26 120S	160E	4300731408		Federal	Federal	GW	P
PPU FED 11-27D-12-16	27 120S	160E	4300731409		Federal	Federal	GW	P
PPU FED 15-27D-12-16	27 120S	160E	4300731410		Federal	Federal	GW	P
PPU FED 9-27D-12-16	27 120S	160E	4300731411		Federal	Federal	GW	P
PPU FED 1-34D-12-16	34 120S	160E	4300731427		Federal	Federal	GW	P
PPU FED 7-34D-12-16	34 120S	160E	4300731428		Federal	Federal	GW	P
PPU FED 5-35D-12-16	34 120S	160E			Federal	Federal	GW	P
PPU FED 3-34D-12-16	34 120S	160E			Federal	Federal	GW	P
PPU FED 5-34D-12-16	34 120S	160E			Federal	Federal	GW	P
PPU FED 4-34D-12-16	34 120S	160E	4300731467		Federal	Federal	GW	P
		160E			Federal	Federal	GW	P
PPU FED 10-35D-12-16	35 120S		4300731474				GW	P
PPU FED 9-35D-12-16	35 120S	160E	4300731476		Federal	Federal		P
PETERS POINT U FED 9-26D-12-16	25 120S	160E	4300750021		Federal	Federal	GW	·
PETERS POINT U FED 11-25D-12-16	25 120S	160E	4300750022		Federal	Federal	GW	P
PETERS POINT U FED 10-31D-12-17	31 1208	170E	4300750023		Federal	Federal	GW	P
PETERS POINT U FED 11-31D-12-17	31 120S	170E	4300750024		Federal	Federal	GW	P
PETERS POINT U FED 13A-31D-12-17	31 120S	170E	4300750025		Federal	Federal	GW	P
PETERS POINT U FED 13-31D-12-17	31 120S	170E	4300750026		Federal	Federal	GW	P
PETERS POINT U FED 14-31D-12-17	31 120S	170E	4300750027		Federal	Federal	GW	P
PETERS POINT U FED 14A-31D-12-17	31 120S	170E	4300750028		Federal	Federal	GW	P
PETERS POINT U FED 12-25D-12-16	25 120S	160E	4300750029		Federal	Federal	GW	P
PETERS POINT U FED 12-6D-13-17	31 120S	170E			Federal	Federal	GW	P
PETERS POINT U FED 10-25D-12-16	25 120S	160E			Federal	Federal	GW	P
PETERS POINT U FED 13-36D-12-16	36 120S	160E	4300750037		Federal	Federal	GW	P
PETERS POINT U FED 15-36D-12-16	36 120S	160E		••••	Federal	Federal	GW	P
PETERS POINT U FED 11-1D-13-16	36 120S	160E	4300750039	2470	Federal	Federal	GW	P
PETERS POINT U FED 12-1D-13-16	36 120S	160E	4300750040	2470	Federal	Federal	GW	P
PETERS POINT U FED 3A-34D-12-16	27 120S	160E	4300750063	2470	Federal	Federal	GW	P
PETERS POINT U FED 4A-34D-12-16	27 120S	160E	4300750064	2470	Federal	Federal	GW	P
PETERS POINT U FED 12-27D-12-16	27 120S	160E	4300750065	2470	Federal	Federal	GW	P
PETERS POINT U FED 13-27D-12-16	27 120S	160E	4300750066	2470	Federal	Federal	GW	P
PETERS POINT U FED 13A-27D-12-16	27 120S	160E	4300750067	2470	Federal	Federal	GW	P
PETERS POINT U FED 14A-27D-12-16	27 120S	160E	4300750069	2470	Federal	Federal	GW	P
PETERS POINT U FED 5-31D-12-17	36 120S	160E	4300750109	2470	Federal	Federal	GW	P
PETERS POINT U FED 6-31D-12-17	36 120S	160E	4300750116	2470	Federal	Federal	GW	P
PETERS POINT U FED 9X-36D-12-16	36 120S	160E	4300750117	2470	Federal	Federal	GW	P
PETERS POINT U FED 1-36D-12-16	36 120S	160E	4300750118	2470	Federal	Federal	GW	P
PETERS POINT U FED 10-6D-13-17	6 130S	170E	4300750119	2470	Federal	Federal	GW	P
PETERS POINT U FED 15-31D-12-17	6 130S	170E	4300750123	2470	Federal	Federal	GW	P
PETERS POINT UF 12-5D-13-17	6 130S	170E	4300750151	2470	Federal	Federal	GW	P
PETERS POINT UF 13-5D-13-17	6 130S	170E	4300750152	2470	Federal	Federal	GW	P
PETERS POINT UF 13-30D-12-17	30 120S	170E	4300750153	18347	Federal	Federal	GW	P
PETERS POINT UF 14-30D-12-17	30 120S	170E				Federal	GW	P
PETERS POINT UF 12-30D-12-17	30 120S	170E			Federal	Federal	GW	P
PETERS POINT UF 11-30D-12-17	30 120S	170E				Federal	GW	P
PETERS POINT UF 3-31D-12-17	30 120S	170E	4300750157		Federal	Federal	GW	P
PETERS POINT UF 2-31D-12-17	30 120S	170E				Federal	GW	P
PETERS POINT UF 16-25D-12-16	30 120S	170E			Federal	Federal	GW	P
PETERS POINT UF 9-25D-12-16	30 120S	170E			Federal	Federal	GW	P
PETERS POINT UF 7X-36D-12-16	36 120S	160E			Federal	Federal	GW	P
PETERS POINT UF 7X-36D-12-16  PETERS POINT UF 8-36D-12-16	36 120S	160E			Federal	Federal	GW	P
PPU FED 14-26D-12-16	26 120S		4300730232	-	Federal	Federal	GW	S
						-		
PPU FED 5-36D-12-16	36 120S	TOUE	4300731350	2470	Federal	Federal	GW	S

FORM 9

# STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: (see attached well list)
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged we drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL  OIL WELL  ORS WELL  OTHER  OTHER	8. WELL NAME and NUMBER:  (see attached well list)
2. NAME OF OPERATOR:	9. API NUMBER:
ENERVEST OPERATING, LLC  3. ADDRESS OF OPERATOR: PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
1001 FANNIN, ST. STE 800 CITY HOUSTON STATE TX ZIP 77002 (713) 659-35	
4. LOCATION OF WELL  FOOTAGES AT SURFACE: (see attached well list)	COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH
OUTOX ADDDODDIATE DOVED TO INDICATE NATURE OF NOTICE	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start:  1/1/2014 CHANGE TO PREVIOUS PLANS CHANGE TUBING Date of work completion:  COMMINGLE PRODUCING FORMATIONS  CONVERT WELL TYPE  PRECLAMATION OF WELL SITE  CONVERT WELL TYPE  CENERVEST OPERATING, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION  ACIDIZE  ACIDIZE DEEPEN ALL FUTURE CORRESPONDENCE TO THE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, dept  ENERVEST OPERATING, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION  ATTACHED LIST HAVE BEEN SOLD TO ENERVEST OPERATING, LLC BY BILL E  EFFECTIVE 1/1/2014. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE PROPOSED OR COMPLETED OPERATIONS. The proposed of the performance of the	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR VENT OR FLARE WATER DISPOSAL WATER SHUT-OFF OTHER: RMATION This, volumes, etc. THAT THE WELLS LISTED ON THE BILL BARRETT CORPORATION
713-659-3500 (BLM BOND # RLB 7886 , STATE/FEE BOND # BONS 32/	)
•	PERATING, LLC
Duane Zavadi/AME (PLEASE PRINT)  Non 2m/s Signature  Senior Vice President -  EH&S, Government and Regulatory Affairs  N21165	YOUNG NAME (PLEASE PRINT)  LEGULATORY  N4040
PONNIE VOUNG DIRECTO	DR - REGULATORY
SIGNATURE DATE 12/10/201	
(This space for State use on APPROVED	DECEIVED

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JAN 07 2014

JAN 2 8 2013 4 - RT DOCAS & MINING

(See Instructions on Reverse Side)

Well Name	Sec	TWN	RNG API Number E1	ntity Lease	Well Type	Well Status	Unit
JACK CANYON UNIT 8-32	32	120S	160E 4300730460	15167 State	WI	A	
JACK CYN U ST 14-32	32	120S	160E 4300730913	15166 State	WD	A	
PRICKLY PEAR U FED 12-24	24	120S	140E 4300730953	14467 Federal	WD	A	
PPU FED 11-23D-12-15	23	120S	150E 4300731440	Federal	GW	APD	PRICKLY PEAR
PPU FED 4-26D-12-15	23	120S	150E 4300731441	Federal	GW	APD	PRICKLY PEAR
PPU FED 14-23D-12-15	23	120S	150E 4300731442	Federal	GW	APD	PRICKLY PEAR
PPU FED 12-23D-12-15	23	120S	150E 4300731443	Federal	GW .	APD	PRICKLY PEAR
PPU FED 11-34D-12-16	34	120S	160E 4300731465·	Federal	GW	APD	PETERS POINT
PPU FED 10-34D-12-16	34	120S	160E 4300731469	Federal	GW	APD	PETERS POINT
HORSE BENCH FED 4-27D-12-16	27	120S	160E 4300750092	Federal	GW	APD	
HORSE BENCH FED 5-27D-12-16	27	120S	160E 4300750093	Federal	GW	APD	
PRICKLY PEAR U FED 12-7D-12-15	07	120S	150E 4300750094	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 11-7D-12-15	07	120S	150E 4300750095	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 13-7D-12-15	07	120S	150E 4300750096	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 14-7D-12-15	07	120S	150E 4300750097	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-8D-12-15	08	120S	150E 4300750124	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-8D-12-15	08	120S	150E 4300750125	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-8D-12-15	08	120S	150E 4300750126	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-8D-12-15	08	120S	150E 4300750127	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-21D-12-15	21	120S	150E 4300750128	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-21D-12-15	21	120S	150E 4300750129	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-21D-12-15	21	120S	150E 4300750130	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-21D-12-15	21	120S	150E 4300750131	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E 4300750132	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15X-21D-12-15	21	120S	150E 4300750133	Federal	. GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-21D-12-15	21	120S	150E 4300750134	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-21D-12-15	21	120S	150E 4300750135	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E 4300750148	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E 4300750161	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E 4300750162	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E 4300750163	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-22D-12-15	22	120S	150E 4300750164	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-22D-12-15	22	120S	150E 4300750165	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-22D-12-15	22	120S	150E 4300750166	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-22D-12-15	22	120S	150E 4300750167	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-22D-12-15	22	120S	150E 4300750168	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-22D-12-15	22	120S	150E 4300750169	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-22D-12-15	22	120S	150E 4300750170	Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 15X-36D-12-16	36	120S	160E 4300750178	Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 15A-15D-12-15	15	120S	150E 4300750180	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11B-15D-12-15	15	120S	150E 4300750181	Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 10-1D-13-16	36	120S	160E 4300750182	Federal	GW	APD	PETERS POINT
PETERS POINT UF 9-1D-13-16	36	120S	160E 4300750183	Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 16A-15D-12-15	15	120S	150E 4300750184	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-18D-12-15	07	120S	150E 4300750185	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-18D-12-15	07	120S	150E 4300750186	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-7D-12-15	07	120S	150E 4300750187	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-18D-12-15	07	120S	150E 4300750188	Federal	GW	APD	PRICKLY PEAR

DDICKLY DDAR HE 10 A GD 10 15	07	1000	150E 4200750190	Endon-1	GW	V DL	PRICKLY PEAR
PRICKLY PEAR UF 12A-7D-12-15 PRICKLY PEAR UF 13A-7D-12-15	07 07	120S 120S	150E 4300750189 150E 4300750190	Federal Federal	GW GW	APD APD	PRICKLY PEAR
	07	120S	150E 4300750191	Federal	GW GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-7D-12-15			140E 4300750205	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR FEDERAL 1-12D-12-14	12 12	120S		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-12D-12-14		120S	140E 4300750206				PRICKLY PEAR
PRICKLY PEAR UF 7-12D-12-14	12	120S	140E 4300750207	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-12D-12-14	12	120S	140E 4300750208	Federal	GW	APD	
PRICKLY PEAR UF 8-12D-12-14	12	120S	140E 4300750209	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-7D-12-15	12	120S	140E 4300750210	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-7D-12-15	12	120S	140E 4300750211	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-12D-12-14	12	120S	140E 4300750212	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-7D-12-15	12	120S	140E 4300750213	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-14D-12-15	14	120S	150E 4300750214	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-14D-12-15	14	120S	150E 4300750215	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-14D-12-15	14	120S	150E 4300750217	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-14D-12-15	14	120S	150E 4300750218	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-14D-12-15	14	120S	150E 4300750219	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-14D-12-15	14	120S	150E 4300750220	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-14D-12-15	14	120S	150E 4300750222	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-14D-12-15	14	120S	150E 4300750223	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-14D-12-15	14	120S	150E 4300750224	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-18D-12-15	07	120S	150E 4300750225	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-18D-12-15	07	120S	150E 4300750226	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-7D-12-15	07	120S	150E 4300750227	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-7D-12-15	07	120S	150E 4300750228	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-7D-12-15	07	120S	150E 4300750229	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-7D-12-15	07	120S	150E 4300750230	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-12D-12-14	12	120S	140E 4300750233	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-12D-12-14	12	120S	140E 4300750234	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-12D-12-14	12	120S	140E 4300750235	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-8D-12-15	08	120S	150E 4300750236	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-12D-12-14	12	120S	140E 4300750237	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-8D-12-15	08	120S	150E 4300750238	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-8D-12-15	08	120S	150E 4300750239	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-8D-12-15	08	120S	150E 4300750240	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-8D-12-15	08	120S	150E 4300750260	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-8D-12-15	08	120S	150E 4300750261	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-8D-12-15	08	120S	150E 4300750262	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-8D-12-15	08	120S	150E 4300750263	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-8D-12-15	08	120S	150E 4300750264	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-8D-12-15	08	120S	150E 4300750265	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-8D-12-15	08	120S	150E 4300750266	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-8D-12-15	08	120S	150E 4300750267	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-8D-12-15	08	120S	150E 4300750268	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-8D-12-15	08	120S	150E 4300750269	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-8D-12-15	08	120S	150E 4300750270	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-8D-12-15	08	120S	150E 4300750271	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-8D-12-15	08	120S	150E 4300750272	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-8D-12-15	08	120S	150E 4300750273	Federal	GW	APD	PRICKLY PEAR

PRICKLY PEAR UF 5-9D-12-15	09	120S	150E 4300750274	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-9D-12-15	09	120S	150E 4300750275	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-9D-12-15	09	120S	150E 4300750276	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-9D-12-15	09	120S	150E 4300750277	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-9D-12-15	09	120S	150E 4300750278	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-9D-12-15	09	120S	150E 4300750279	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-9D-12-15	09	120S	150E 4300750280	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-9D-12-15	09	120S	150E 4300750281	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-9D-12-15	09	120S	150E 4300750282	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR US 1X-16D-12-15	10	120S	150E 4300750283	State	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-15D-12-15	10	120S	150E 4300750284	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-15D-12-15	10	120S	150E 4300750285	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-15D-13-15	10	120S	150E 4300750286	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-10D-12-15	15	120S	150E 4300750287	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-10D-12-15	10	120S	150E 4300750288	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-10D-12-15	15	120S	150E 4300750289	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-10D-12-15	15	120S	150E 4300750290	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-10D-12-15	15	120S	150E 4300750291	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-10D-12-15	10	120S	150E 4300750292	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-10D-12-15	15	120S	150E 4300750293	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-10D-12-15	15	120S	150E 4300750294	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-11D-12-15	15	120S	150E 4300750295	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-11D-12-15	15	120S	150E 4300750296	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-11D-12-15	15	120S	150E 4300750297	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-10D-12-15	10	120S	150E 4300750298	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-10D-12-15	10	120S	150E 4300750299	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-10D-12-15	10	120S	150E 4300750300	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-15D-12-15	10	120S	150E 4300750301	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-14D-12-15	14	120S	150E 4300750302	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-15D-12-15	10	120S	150E 4300750303	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-15D-12-15	10	120S	150E 4300750304	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-10D-12-15	10	120S	150E 4300750305	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-17D-12-15	17	120S	150E 4300750306	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-17D-12-15	17	120S	150E 4300750307	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-17D-12-15	17	120S	150E 4300750308	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-7D-12-15	07	120S	150E 4300750309	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-17D-12-15	17	120S	150E 4300750310	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-7D-12-15	07	120S	150E 4300750311	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-17D-12-15	17	120S	150E 4300750312	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-7D-12-15	07	120S	150E 4300750313	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-7D-12-15	07	120S	150E 4300750314	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-7D-12-15	07	120S	150E 4300750315	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6X-17D-12-15	17	120S	150E 4300750316	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-17D-12-15	17	120S	150E 4300750317	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15B-17D-12-15	17	120S	150E 4300750318	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-20D-12-15	20	120S	150E 4300750319	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-7D-12-15	07	120S	150E 4300750320	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-20D-12-15	20	120S	150E 4300750321	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-20D-12-15	20	120S	150E 4300750322	Federal	GW	APD	PRICKLY PEAR
TEGERAL TERMS OF SILEON IN 10							

PRICKLY PEAR UF 10A-20D-12-15	20	120S	150E 4300750323	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-20D-12-15	20	120S	150E 4300750324	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-7D-12-15	07	120S	150E 4300750325	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-20D-12-15	20	120S	150E 4300750326	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-20D-12-15	20	120S	150E 4300750327	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-20D-12-15	20	120S	150E 4300750328	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-7D-12-15	07	120S	150E 4300750329	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-20D-12-15	20	120S	150E 4300750330	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-7D-12-15	07	120S	150E 4300750331	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-10D-12-15	09	120S	150E 4300750332	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-10D-12-15	09	120S	150E 4300750333	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-10D-12-15	09	120S	150E 4300750334	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-10D-12-15	09	120S	150E 4300750335	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-10D-12-15	09	120S	150E 4300750336	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-10D-12-15	09	120S	150E 4300750338	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-10D-12-15	09	120S	150E 4300750339	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-10D-12-15	09	120S	150E 4300750340	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-9D-12-15	09	120S	150E 4300750341	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-9D-12-15	09	120S	150E 4300750342	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-9D-12-15	09	120S	150E 4300750343	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-9D-12-15	09	120S	150E 4300750344	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-9D-12-15	09	120S	150E 4300750345	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-9D-12-15	09	120S	150E 4300750346	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-24D-12-1	24	120S	150E 4300750348	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-13D-12-15	13	120S	150E 4300750349	Federal	GW	APD	PRICKLY PEAR
HORSE BENCH FED 4-20D-12-17	19	120S	170E 4300750350	Federal	GW	APD	
Horse Bench Federal 16-18D-12-17	19	120S	170E 4300750351	Federal	GW	APD	
PPU FED 9-34D-12-16	34	120S	160E 4300731430	17225 Federal	GW	OPS	PETERS POINT
PPU FED 15-35D-12-16	35	120S	160E 4300731475	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 12A-6D-13-17	31	120S	170E 4300750034	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 11A-31D-12-17	31	120S	170E 4300750036	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR U FED 7-21D-12-15	21	120S	150E 4300750055	14794 Federal	GW	OPS	PRICKLY PEAR
PETERS POINT U FED 9-6D-13-17	06	130S	170E 4300750120	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 14-6D-13-17	06	130S	170E 4300750121	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 15-6D-13-17	06	130S	170E 4300750121	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 2-7D-13-17	06		170E 4300750149	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 1-7D-13-17	06	130S	170E 4300750150	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR US 1A-16D-12-15	09	120S	150E 4300750192	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2A-16D-12-15	09	120S	150E 4300750192	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2-16D-12-15	09	120S	150E 4300750194	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 9A-9D-12-15	09	120S	150E 4300750194	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10-9D-12-15	09	120S	150E 4300750190	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10A-9D-12-15	09	120S	150E 4300750197	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14-9D-12-15	09	120S	150E 4300750199	14794 Federal	GW GW	OPS OPS	PRICKLY PEAR PRICKLY PEAR
PRICKLY PEAR UF 14A-9D-12-15	09	120S	150E 4300750200	14794 Federal	GW		
PRICKLY PEAR UF 15-9D-12-15	09	120S	150E 4300750201	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 15A-9D-12-15	09	120S	150E 4300750203	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 16A-9D-12-15	09	120S	150E 4300750204	14794 Federal	GW	OPS	PRICKLY PEAR
SHARPLES 1 GOVT PICKRELL	11	120S	150E 4300716045	7030 Federal	GW	P	

STONE CABIN UNIT 1	13	120S	140E 4300716542	12052 Federal	GW	P	
STONE CABIN FED 1-11	11	120S	140E 4300730014	6046 Federal	GW	P	
STONE CABIN FED 2-B-27	27	120S	150E 4300730018	14794 Federal	GW	P	PRICKLY PEAR
JACK CANYON 101-A	33	120S	160E 4300730049	2455 Federal	GW	P	
PETERS POINT ST 2-2-13-16	02	130S	160E 4300730521	14387 State	GW	P	
PRICKLY PEAR ST 16-15	16	120S	150E 4300730522	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 36-2	36	120S	160E 4300730761	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-3	36	120S	160E 4300730762	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-4	36	120S	160E 4300730763	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-25D-12-16	36	120S	160E 4300730764	2470 Federal	GW	P	PETERS POINT
HUNT RANCH 3-4	03	120S	150E 4300730775	13158 State	GW	Ρ.,	
PETERS POINT U FED 4-31D-12-17	36	120S	160E 4300730810	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-26D-12-16	36	120S	160E 4300730812	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UNIT 13-4	13	120S	140E 4300730825	14353 Federal	GW	P	
PRICKLY PEAR UNIT 21-2	21	120S	150E 4300730828	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 6-7D-13-17	06	130S	170E 4300730859	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 4-2-13-16	02	130S	160E 4300730866	14386 State	GW	P	
PRICKLY PEAR U ST 13-16	16	120S	150E 4300730933	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 11-16	16	120S	150E 4300730944	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 7-16	16	120S	150E 4300730945	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-25	25	120S	150E 4300730954	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 16-35	35	120S	160E 4300730965	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-6-13-17	06	130S	170E 4300730982	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-6D-13-17	06	130S	170E 4300731004	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-31D-12-17	06	130S	170E 4300731005	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 5-13-12-14	13	120S	140E 4300731008	14897 Federal	GW	P	•
PETERS POINT U FED 12-31D-12-17	36	120S	160E 4300731009	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 2-36D-12-16	36	120S	160E 4300731010	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9-36-12-16	36	120S	160E 4300731011	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U ST 36-06	36	120S	150E 4300731018	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 8-35D-12-16	36	120S	160E 4300731024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4-12D-13-16	02	130S	160E 4300731049	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 5-2D-13-16 DEEP	02	130S	160E 4300731056	15909 State	GW	P	
PRICKLY PEAR U FED 13-23-12-15	23	120S	150E 4300731073	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-27D-12-15	23	120S	150E 4300731074	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-26D-12-15	23	120S	150E 4300731075	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-22D-12-15	23	120S	150E 4300731076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-28D-12-15	21	120S	150E 4300731121	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 2-12D-13-16	06	130S	170E 4300731158	14692 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-21-12-15	21	120S	150E 4300731164	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-28D-12-15	21	120S	150E 4300731165	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-21D-12-15	21	120S	150E 4300731166	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 10-36D-12-16	36	120S	160E 4300731174	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-36D-12-16	36	120S	160E 4300731175	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-17-12-15	17	120S	150E 4300731183	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11-17D-12-15	17	120S	150E 4300731184	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-22D-12-15	22	120S	150E 4300731186	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-22-12-15	22	120S	150E 4300731187	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-22D-12-15	22	120S	150E 4300731188	14794 Federal	GW	P	PRICKLY PEAR

PRICKLY PEAR 11-15D-12-15	22	120S	150E 4300731189	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-18D-12-15	18	120S	150E 4300731192	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-18-12-15	18	120S	150E 4300731193	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-27D-12-15	27	120S	150E 4300731194	15569 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12-27D-12-15	27	120S	150E 4300731195	15568 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-27-12-15	27	120S	150E 4300731196	15570 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-20D-12-15	20	120S	150E 4300731197	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-20-12-15	20	120S	150E 4300731198	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-20-12-15	20	120S	150E 4300731206	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 2-36-12-15	36	120S	150E 4300731226	15719 State	GW	P	
PRICKLY PEAR U ST 4-36-12-15	36	120S	150E 4300731227	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-27D-12-15	22	120S	150E 4300731237	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-22-12-15	22	120S	150E 4300731238	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-27D-12-15	22	120S	150E 4300731239	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 9-16-12-15	16	120S	150E 4300731240	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-28D-12-15	28	120S	150E 4300731241	16028 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-27D-12-15	28	120S	150E 4300731242	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-28-12-15	28	120S	150E 4300731243	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-28D-12-15	28	120S	150E 4300731244	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 1-16-12-15	16	120S	150E 4300731245	14794 State	GW	P	PRICKLY PEAR
PPU FED 11-18D-12-15	18	120S	150E 4300731257	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-20D-12-15	20	120S	150E 4300731258	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-25D-12-15	25	120S	150E 4300731259	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-25D-12-15	25	120S	150E 4300731260	16068 Federal	GW	P	PRICKLY PEAR
PPU FED 15-6D-13-17	06	130S	170E 4300731261	16103 Federal	GW	P	PETERS POINT
PP UF 3-36-12-16	36	120S	160E 4300731271	2470 Federal	GW	P	PETERS POINT
PP UF 6-36-12-16	36	120S	160E 4300731272	2470 Federal	GW	P	PETERS POINT
PPU FED 6-35D-12-16	35	120S	160E 4300731275	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-16	26	120S	160E 4300731277	2470 Federal	GW	P	PETERS POINT
PPU FED 8-34-12-16	34	120S	160E 4300731277	2470 Federal	GW	P	PETERS POINT
PP ST 8-2D-13-16 (DEEP)	02	130S	160E 4300731280	16069 State	GW	P	121213131(1
PPU FED 6-34D-12-16	34	120S	160E 4300731281	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-15	35	120S	150E 4300731282	16224 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35-12-15	35	120S	150E 4300731283	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-26D-12-15	35	120S	150E 4300731284	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-17-12-15	17	120S	150E 4300731287	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-17D-12-15	17	120S	150E 4300731288	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-17D-12-15	17	120S	150E 4300731289	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-1D-13-16 ULTRA DEEP	06	130S	170E 4300731293	14692 Federal	GW	P	PETERS POINT
PPU FED 1-18D-12-15	18	120S	150E 4300731294	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-18D-12-15	18	120S	150E 4300731295	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-17D-12-15	18	120S	150E 4300731296	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-17D-12-15	17	120S	150E 4300731307	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-17D-12-15	17	120S	150E 4300731307	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-17D-12-15	17	120S	150E 4300731309	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-17D-12-15	17	120S	150E 4300731310	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-17D-12-15	17	120S	150E 4300731310	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-18D-12-15	17	120S	150E 4300731311 150E 4300731312	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-18D-12-15	18	120S	150E 4300731312	14794 Federal	GW	P	PRICKLY PEAR
11 O TED 0-10D-12-13	10	1203	1005 4000/01010	14/94 Peucial	O W	4	INICKLITEAN

PPU FED 3-18D-12-15	18	120S	150E 4300731314	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-18-12-15	18	120S	150E 4300731315	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-18D-12-15	18	120S	150E 4300731316	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-18D-12-15	18	120S	150E 4300731317	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-27-12-16	27	120S	160E 4300731318	2470 Federal	GW	P	PETERS POINT
PPU FED 10-27D-12-16	27	120S	160E 4300731319	2470 Federal	GW	P	PETERS POINT
PPU FED 2-34D-12-16	34	120S	160E 4300731320	2470 Federal	GW	P	PETERS POINT
PPU FED 16-17D-12-15	17	120S	150E 4300731321	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 15-16D-12-15	16	120S	150E 4300731322	14794 State	GW	P	PRICKLY PEAR
PPU ST 16-16D-12-15	16	120S	150E 4300731323	14794 State	GW	P	PRICKLY PEAR
PPU ST 14-16D-12-15	16	120S	150E 4300731324	14794 State	GW	P	PRICKLY PEAR
PPU FED 2-7D-13-17 DEEP	06	130S	170E 4300731326	14692 Federal	GW	P	PETERS POINT
PPU FED 3-21D-12-15	21	120S	150E 4300731328	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-21D-12-15	21	120S	150E 4300731329	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35D-12-16	35	120S	160E 4300731345	2470 Federal	GW	P	PETERS POINT
PPU FED 7-35D-12-16	35	120S	160E 4300731346	2470 Federal	GW	P	PETERS POINT
PPU FED 4-35D-12-16	35	120S	160E 4300731347	2470 Federal	GW	P	PETERS POINT
PPU FED 7-36D-12-16	36	120S	160E 4300731348	2470 Federal	GW	P	PETERS POINT
PPU FED 11-36D-12-16	36	120S	160E 4300731349	2470 Federal	GW	P	PETERS POINT
PPU FED 15-25D-12-16	36	120S	160E 4300731351	2470 Federal	GW	P	PETERS POINT
PPU FED 13-25D-12-16	36	120S	160E 4300731352	2470 Federal	GW	P	PETERS POINT
PPU FED 4-36D-12-16	36	120S	160E 4300731353	2470 Federal	GW	P	PETERS POINT
PPU FED 13-15D-12-15	22	120S	150E 4300731358	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-15D-12-15	22	120S	150E 4300731359	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-22D-12-15	22	120S	150E 4300731360	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-22D-12-15	22	120S	150E 4300731361	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-28D-12-15	28	120S	150E 4300731362	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16X-21D-12-15	28	120S	150E 4300731363	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5A-27D-12-15	28	120S	150E 4300731364	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-35D-12-16	35	120S	160E 4300731365	2470 Federal	GW	P	PETERS POINT
PPU FED 1A-28D-12-15	28	120S	150E 4300731368	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14A-18D-12-15	18	120S	150E 4300731393	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-18D-12-15	18	120S	150E 4300731394	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15A-18D-12-15	18	120S	150E 4300731395	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16A-18D-12-15	18	120S	150E 4300731396	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-22D-12-15	22	120S	150E 4300731398	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-22D-12-15	22	120S	150E 4300731399	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-22D-12-15	22	120S	150E 4300731400	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4A-27D-12-15	22	120S	150E 4300731401	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-26D-12-16	26	120S	160E 4300731403	2470 Federal	GW	P	PETERS POINT
PPU FED 15-26D-12-16	26	120S	160E 4300731404	2470 Federal	GW	P	PETERS POINT
PPU FED 3-35D-12-16	26	120S	160E 4300731405	2470 Federal	GW	P	PETERS POINT
PPU FED 10-26D-12-16	26	120S	160E 4300731406	2470 Federal	GW	P	PETERS POINT
PPU FED 11-26D-12-16	26	120S	160E 4300731407	2470 Federal	GW	P	PETERS POINT
PPU FED 12-26D-12-16	26	120S	160E 4300731408	2470 Federal	GW	P	PETERS POINT
PPU FED 11-27D-12-16	27	120S	160E 4300731409	2470 Federal	GW	P	PETERS POINT
PPU FED 15-27D-12-16	27	120S	160E 4300731410	2470 Federal	GW	P	PETERS POINT
PPU FED 9-27D-12-16	27	120S	160E 4300731411	2470 Federal	GW	P	PETERS POINT
PPU FED 11-21D-12-15	21	120S	150E 4300731412	14794 Federal	GW	P	PRICKLY PEAR

PPU FED 6-21D-12-15	21	120S	150E 4300731413	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-21D-12-15	21	120S	150E 4300731414	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-20D-12-15	20	120S	150E 4300731419	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1A-20D-12-15	20	120S	150E 4300731420	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-20D-12-15	20	120S	150E 4300731421	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 7A-16D-12-15	16	120S	150E 4300731422	14794 State	GW	P	PRICKLY PEAR
PPU ST 6-16D-12-15	16	120S	150E 4300731423	14794 State	GW	P	PRICKLY PEAR
PPU ST 10A-16D-12-15	16	120S	150E 4300731424	14794 State	GW	P	PRICKLY PEAR
PPU ST 3-16D-12-15	16	120S	150E 4300731425	14794 State	GW	P	PRICKLY PEAR
PPU FED 1-34D-12-16	34	120S	160E 4300731427	2470 Federal	GW	P	PETERS POINT
PPU FED 7-34D-12-16	34	120S	160E 4300731428	2470 Federal	GW	P	PETERS POINT
PPU FED 5-35D-12-16	34	120S	160E 4300731429	2470 Federal	GW	P	PETERS POINT
PPU FED 5-21D-12-15	21	120S	150E 4300731451	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 8-16D-12-15	16	120S	150E 4300731455	14794 State	GW	P	PRICKLY PEAR
PPU ST 12-16D-12-15	16	120S	150E 4300731456	14794 State	GW	P	PRICKLY PEAR
PPU ST 12A-16D-12-15	16	120S	150E 4300731457	14794 State	GW	P	PRICKLY PEAR
PPU ST 15A-16D-12-15	16	120S	150E 4300731458	14794 State	GW	P	PRICKLY PEAR
PPU ST 10-16D-12-15	16	120S	150E 4300731459	14794 State	GW	P	PRICKLY PEAR
PPU ST 11A-16D-12-15	16	120S	150E 4300731460	14794 State	GW	P	PRICKLY PEAR
PPU ST 13A-16D-12-15	16	120S	150E 4300731461	14794 State	GW	P	PRICKLY PEAR
PPU FED 3-34D-12-16	34	120S	160E 4300731466	2470 Federal	GW	P	PETERS POINT
PPU FED 5-34D-12-16	34	120S	160E 4300731467	2470 Federal	GW	P	PETERS POINT
PPU FED 4-34D-12-16	34	120S	160E 4300731468	2470 Federal	GW	P	PETERS POINT
PPU FED 10-7D-12-15	07	120S	150E 4300731470	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15-7D-12-15	07	120S	150E 4300731471	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-7D-12-15	07	120S	150E 4300731472	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-7D-12-15	07	120S	150E 4300731473	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-35D-12-16	35	120S	160E 4300731474	2470 Federal	GW	P	PETERS POINT
PPU FED 9-35D-12-16	35	120S	160E 4300731476	2470 Federal	GW	P	PETERS POINT
PPU ST 6A-16D-12-15	16	120S	150E 4300731477	14794 State	GW	P	PRICKLY PEAR
PPU ST 4-16D-12-15	16	120S	150E 4300731478	14794 State	GW	P	PRICKLY PEAR
PPU ST 4A-16D-12-15	16	120S	150E 4300731479	14794 State	GW	P	PRICKLY PEAR
PPU ST 5A-16D-12-15	16	120S	150E 4300731480	14794 State	GW	P	PRICKLY PEAR
PPU ST 3A-16D-12-15	16	120S	150E 4300731481	14794 State	GW	P	PRICKLY PEAR
PPU ST 16A-16D-12-15	16	120S	150E 4300731484	14794 State	GW	P	PRICKLY PEAR
PPU ST 9A-16D-12-15	16	120S	150E 4300731485	14794 State	GW	P	PRICKLY PEAR
PPU ST 16B-16D-12-15	16	120S	150E 4300731514	14794 State	GW	P	PRICKLY PEAR
PPU ST 14B-16D-12-15	16	120S	150E 4300731515	14794 State	GW	P	PRICKLY PEAR
PPU ST 13B-16D-12-15	16	120S	150E 4300731516	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 9-26D-12-16	25	120S	160E 4300750021	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-25D-12-16	25	120S	160E 4300750022	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-31D-12-17	31	120S	170E 4300750023	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-31D-12-17	31	120S	170E 4300750024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-31D-12-17	31	120S	170E 4300750025	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-31D-12-17	31	120S	170E 4300750026	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-31D-12-17	31	120S	170E 4300750027	2470 Federal	ĠW	P	PETERS POINT
PETERS POINT U FED 14A-31D-12-17	31	120S	170E 4300750028	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-25D-12-16	25	120S	160E 4300750029	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-6D-13-17	31	120S	170E 4300750033	2470 Federal	GW	P	PETERS POINT

PETERS POINT U FED 10-25D-12-16	25	120S	160E 4300750035	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-36D-12-16	36	120S	160E 4300750037	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-36D-12-16	36	120S	160E 4300750038	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-1D-13-16	36	120S	160E 4300750039	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-1D-13-16	36	120S	160E 4300750040	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 9-22D-12-15	22	120S	150E 4300750041	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-22D-12-15	22	120S	150E 4300750042	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-22D-12-15	22	120S	150E 4300750043	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-27D-12-15	22	120S	150E 4300750044	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-15D-12-15	15	120S	150E 4300750045	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-15D-12-15	15	120S	150E 4300750046	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-15D-12-15	15	120S	150E 4300750047	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-15D-12-15	15	120S	150E 4300750048	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-15D-12-15	15	120S	150E 4300750049	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-21D-12-15	21	120S	150E 4300750050	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-21D-12-15	21	120S	150E 4300750051	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2A-21D-12-15	21	120S	150E 4300750052	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-22D-12-15	21	120S	150E 4300750053	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-22D-12-15	21	120S	150E 4300750054	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-21D-12-15	21	120S	150E 4300750056	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-21D-12-15	21	120S	150E 4300750057	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8A-21D-12-15	21	120S	150E 4300750058	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-8D-12-15	08	120S	150E 4300750059	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-8D-12-15	08	120S	150E 4300750060	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-17D-12-15	08	120S	150E 4300750061	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1A-17D-12-15	08	120S	150E 4300750062	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 3A-34D-12-16	27	120S	160E 4300750063	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4A-34D-12-16	27	120S	160E 4300750064	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-27D-12-16	27	120S	160E 4300750065	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-27D-12-16	27	120S	160E 4300750066	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-27D-12-16	27	120S	160E 4300750067	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-27D-12-16	27	120S	160E 4300750068	18204 Federal	GW	P	
PETERS POINT U FED 14A-27D-12-16	27	120S	160E 4300750069	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 1-22D-12-15	22	120S	150E 4300750076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-22D-12-15	22	120S	150E 4300750077	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-22D-12-15	22	120S	150E 4300750078	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-17D-12-15	17	120S	150E 4300750079	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-17D-12-15	17	120S	150E 4300750080	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-17D-12-15	17	120S	150E 4300750081	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-17D-12-15	17	120S	150E 4300750082	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-17D-12-15	17	120S	150E 4300750083	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6-17D-12-15	17	120S	150E 4300750084	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-17D-12-15	17	120S	150E 4300750085	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-17D-12-15	17	120S	150E 4300750086	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-17D-12-15	17	120S	150E 4300750087	14794 Federal	GW	Ρ.,	PRICKLY PEAR
PRICKLY PEAR U FED 9-12D-12-14	12	120S	140E 4300750088	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-12D-12-14	12	120S	140E 4300750089	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-12D-12-14	12	120S	140E 4300750090	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-12D-12-14	12	120S	140E 4300750091	14794 Federal	GW	P	PRICKLY PEAR

	PRICKLY PEAR U FED 3-20D-12-15	20	120S	150E 4300750098	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 3A-20D-12-15	20	120S	150E 4300750099	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 4-20D-12-15	20	120S	150E 4300750100	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 4A-20D-12-15	20	120S	150E 4300750101	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 5-20D-12-15	20	120S	150E 4300750102	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 6-20D-12-15	20	120S	150E 4300750104	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 6A-20D-12-15	20	120S	150E 4300750105	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 11A-20D-12-15	20	120S	150E 4300750106	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 12A-20D-12-15	20	120S	150E 4300750107	14794 Federal	GW	P	PRICKLY PEAR
	PETERS POINT U FED 5-31D-12-17	36	120S	160E 4300750109	2470 Federal	GW	P	PETERS POINT
	PETERS POINT U FED 6-31D-12-17	36	120S	160E 4300750116	2470 Federal	GW	P	PETERS POINT
	PETERS POINT U FED 9X-36D-12-16	36	120S	160E 4300750117	2470 Federal	GW	P	PETERS POINT
	PETERS POINT U FED 1-36D-12-16	36	120S	160E 4300750118	2470 Federal	GW	P	PETERS POINT
	PETERS POINT U FED 10-6D-13-17	06	130S	170E 4300750119	2470 Federal	GW	P	PETERS POINT
	PETERS POINT U FED 15-31D-12-17	06	130S	170E 4300750123	2470 Federal	GW	P	PETERS POINT
	PRICKLY PEAR UF 7A-18D-12-15	17	120S	150E 4300750136	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 8A-18D-12-15	17	120S	150E 4300750137	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 9A-18D-12-15	17	120S	150E 4300750138	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 12-20D-12-15	20	120S	150E 4300750139	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 16A-8D-12-15	08	120S	150E 4300750140	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 15A-8D-12-15	08	120S	150E 4300750141	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 13A-9D-12-15	08	120S	150E 4300750142	14794 Federal	GW	P	PRICKLY PEAR
•	PRICKLY PEAR UF 13-9D-12-15	08	120S	150E 4300750143	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 12-9D-12-15	08	120S	150E 4300750144	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 10-8D-12-15	08	120S	150E 4300750145	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 9-8D-12-15	08	120S	150E 4300750146	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 2A-17D-12-15	08	120S	150E 4300750147	14794 Federal	GW	P	PRICKLY PEAR
	PETERS POINT UF 12-5D-13-17	06	130S	170E 4300750151	2470 Federal	GW	P	PETERS POINT
	PETERS POINT UF 13-5D-13-17	06	130S	170E 4300750152	2470 Federal	GW	P	PETERS POINT
	PETERS POINT UF 13-30D-12-17	30	120S	170E 4300750153	18347 Federal	GW	P	PETERS POINT
	PETERS POINT UF 14-30D-12-17	30	120S	170E 4300750154	18350 Federal	GW	P	PETERS POINT
	PETERS POINT UF 12-30D-12-17	30	120S	170E 4300750155	18346 Federal	GW	P	PETERS POINT
	PETERS POINT UF 11-30D-12-17	30	120S	170E 4300750156	18348 Federal	GW	P	PETERS POINT
	PETERS POINT UF 3-31D-12-17	30	120S	170E 4300750157	2470 Federal	GW	P	PETERS POINT
	PETERS POINT UF 2-31D-12-17	30	120S	170E 4300750158	18349 Federal	GW	P	PETERS POINT
	PETERS POINT UF 16-25D-12-16	30	120S	170E 4300750159	2470 Federal	GW	P	PETERS POINT
	PETERS POINT UF 9-25D-12-16	30	120S	170E 4300750160	2470 Federal	GW	P	PETERS POINT
	PRICKLY PEAR UF 1A-22D-12-15	22	120S	150E 4300750171	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 6A-22D-12-15	22	120S	150E 4300750173	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 7A-22D-12-15	22	120S	150E 4300750174	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 8A-22D-12-15	22	120S	150E 4300750175	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 14B-15D-12-15	22	120S	150E 4300750176	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 9-9D-12-15	09	120S	150E 4300750195	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 16-9D-12-15	09	120S	150E 4300750202	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 8-14D-12-15	14	120S	150E 4300750216	18289 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 15-14D-12-15	14	120S	150E 4300750221	18290 Federal	GW	P	PRICKLY PEAR
	PETERS POINT UF 7X-36D-12-16	36	120S	160E 4300750231	2470 Federal	GW	P	PETERS POINT
	PETERS POINT UF 8-36D-12-16	36	120S	160E 4300750232	2470 Federal	GW	P	PETERS POINT
	PETERS POINT ST 6-2D-13-16	02	130S	160E 4300731017	14472 State	D	PA	

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PTS 33-36 STATE	36	110S	140E 4301330486	6190 State	GW	PA	ARGYLE
PRICKLY PEAR U FED 10-4	10	120S	140E 4300730823	14462 Federal	GW	S	
PRICKLY PEAR U FASSELIN 5-19-12-15	19	120S	150E 4300730860	14853 Fee	GW	S	
PRICKLY PEAR U ST 5-16	16	120S	150E 4300730943	14794 State	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 7-33D-12-15	33	120S	150E 4300730985	14771 Federal	GW	S	
PETERS POINT ST 8-2D-13-16	02	130S	160E 4300731016	14471 State	GW	S	
PPU FED 4-35D-12-15	35	120S	150E 4300731285	16223 Federal	GW	S	PRICKLY PEAR
PPU FED 5-36D-12-16	36	120S	160E 4300731350	2470 Federal	GW	S	PETERS POINT
PRICKLY PEAR U FED 5A-20D-12-15	20	120S	150E 4300750103	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 13A-17D-12-15	20	120S	150E 4300750108	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR UF 2A-22D-12-15	22	120S	150E 4300750172	14794 Federal	GW	S	PRICKLY PEAR